

Service
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Service Manual

Horizontal Frequency
30-80 kHz

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SAFETY NOTICE

ANY PERSON ATTEMPTING TO SERVICE THIS CHASSIS MUST FAMILIARIZE HIMSELF WITH THE CHASSIS AND BE AWARE OF THE NECESSARY SAFETY PRECAUTIONS TO BE USED WHEN SERVICING ELECTRONIC EQUIPMENT CONTAINING HIGH VOLTAGES.

CAUTION: USE A SEPARATE ISOLATION TRANSFORMER FOR THIS UNIT WHEN SERVICING

Revision List

[illegible]

Important Safety Notice

Proper service and repair is important to the safe, reliable operation of all AOC Company Equipment. The service procedures recommended by AOC and described in this service manual are effective methods of performing service operations. Some of these service operations require the use of tools specially designed for the purpose. The special tools should be used when and as recommended.

It is important to note that this manual contains various CAUTIONS and NOTICES which should be carefully read in order to minimize the risk of personal injury to service personnel. The possibility exists that improper service methods may damage the equipment. It is also important to understand that these CAUTIONS and NOTICES ARE NOT EXHAUSTIVE. AOC could not possibly know, evaluate and advise the service trade of all conceivable ways in which service might be done or of the possible hazardous consequences of each way. Consequently, AOC has not undertaken any such broad evaluation. Accordingly, a servicer who uses a service procedure or tool which is not recommended by AOC must first satisfy himself thoroughly that neither his safety nor the safe operation of the equipment will be jeopardized by the service method selected.

Hereafter throughout this manual, AOC Company will be referred to as AOC.

WARNING

Use of substitute replacement parts, which do not have the same, specified safety characteristics may create shock, fire, or other hazards.

Under no circumstances should the original design be modified or altered without written permission from AOC. AOC assumes no liability, express or implied, arising out of any unauthorized modification of design. Servicer assumes all liability.

FOR PRODUCTS CONTAINING LASER:

DANGER-Invisible laser radiation when open AVOID DIRECT EXPOSURE TO BEAM.

CAUTION-Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

CAUTION -The use of optical instruments with this product will increase eye hazard.

TO ENSURE THE CONTINUED RELIABILITY OF THIS PRODUCT, USE ONLY ORIGINAL MANUFACTURER'S REPLACEMENT PARTS, WHICH ARE LISTED WITH THEIR PART NUMBERS IN THE PARTS LIST SECTION OF THIS SERVICE MANUAL.

Take care during handling the LCD module with backlight unit.

- Must mount the module using mounting holes arranged in four corners.
- Do not press on the panel, edge of the frame strongly or electric shock as this will result in damage to the screen.
- Do not scratch or press on the panel with any sharp objects, such as pencil or pen as this may result in damage to the panel.
- Protect the module from the ESD as it may damage the electronic circuit (C-MOS).
- Make certain that treatment person's body is grounded through wristband.
- Do not leave the module in high temperature and in areas of high humidity for a long time.
- Avoid contact with water as it may a short circuit within the module.
- If the surface of panel becomes dirty, please wipe it off with a soft material. (Cleaning with a dirty or rough cloth may damage the panel.)

1. Monitor Specifications

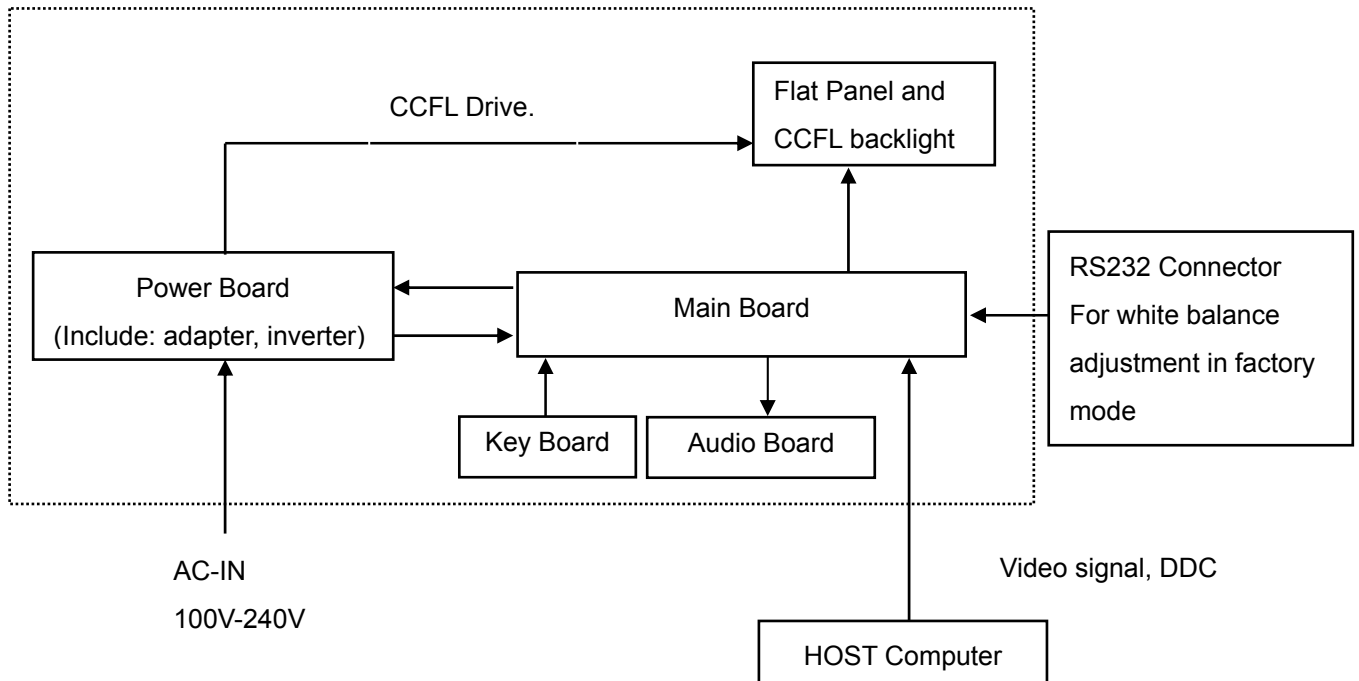
Items	Descriptions	
LCD Panel	Driving system	TFT Color LCD
	Type	M170E5-L0C
	Size	43.2cm 17"
	Pixel pitch	0.264mm(H)x 0.264mm(V)
	Viewable angle	160° (H) 160° (V) (CR≥10)
	Response time (type)	5 ms for CMO
Input	Video	R,G,B Analog Interface
		Digital Interface
	Connector	15-pin D-Sub
		DVI 24pin
	Video Signal	Analog:0.7Vp-p(standard), 75 OHM, Positive
		Digital signal
	Sync. Type	H/V TTL
	H-Frequency	30kHz – 80kHz
	V-Frequency	56-75Hz
Power Consumption	ON Mode	≤37W
	OFF Mode	≤1W
Contrast Ratio	800:1	
Dot Clock	135 MHz	
White Luminance	300cd/m ²	
Max. Resolution	1280 x1024	
Display Color	16.7M colors	
Plug & Play	VESA DDC2B™	
Power Source	100~240VAC,47~63Hz	
Maximum Screen Size	Horizontal : 337.92 mm Vertical: 270.34 mm	
Environmental Considerations	Operating Temp: 5°C to 35°C Storage Temp: -20°C to 60°C Operating Humidity: 10% to 85%	

2. LCD Monitor Description

The LCD MONITOR will contain a main board, an audio board, a power board and a key board which house the flat panel control logic, brightness control logic and DDC.

The power board will provide AC to DC Inverter voltage to drive the backlight of panel and the main board chips each voltage.

Monitor Block Diagram



3. Operating Instructions

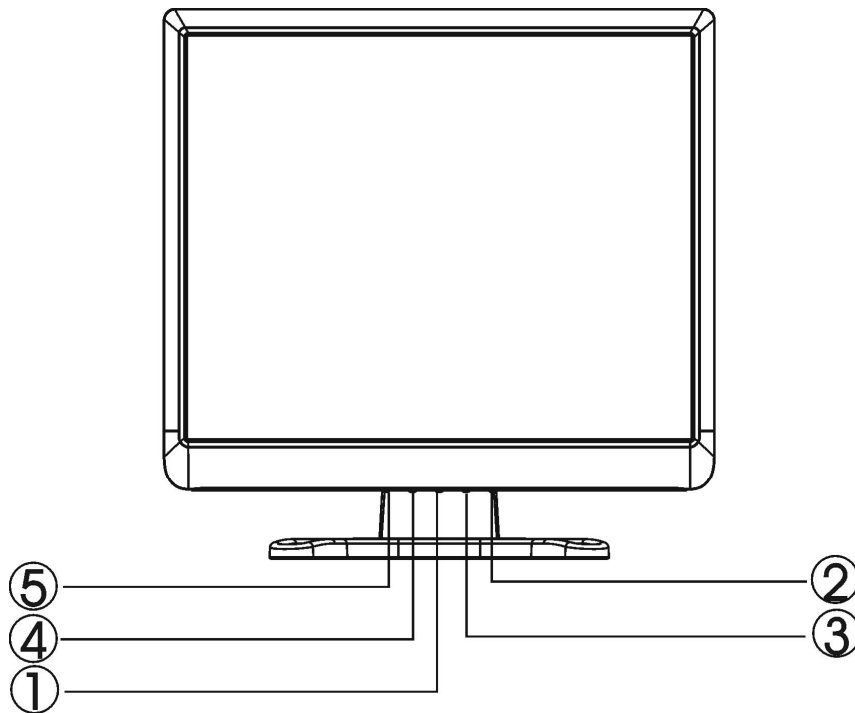
3.1 General Instructions

Press the power button to turn the monitor on or off. The control buttons are located at front panel of the monitor.

By changing these settings, the picture can be adjusted to your personal preferences.

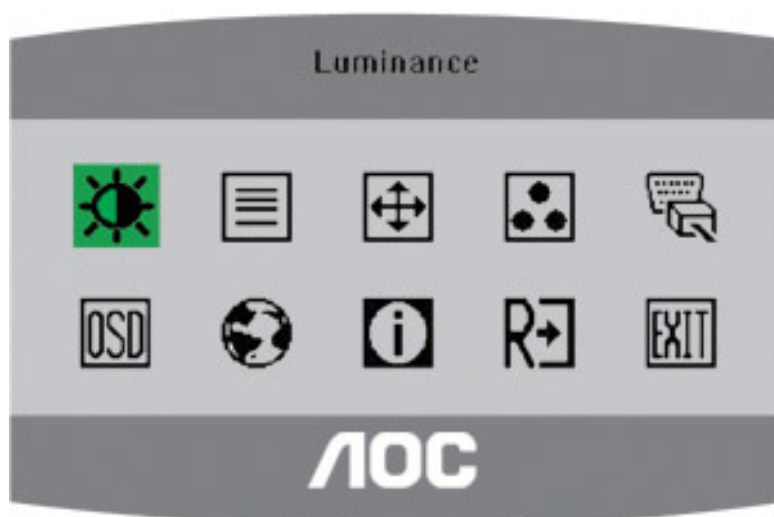
- The power cord should be connected.
- Connect the video cable from the monitor to the video card.
- Press the power button to turn on the monitor, the power indicator will light up.

3.2 Control Buttons












Item	Name	Within OSD	Without OSD
1	Power	Power On / Off	Power On / Off
2	> / Audio	1.Move the cursor up 2.Increase the value of the selected	Activate the audio menu
3	< / audio	1.Move the cursor down 2.Decrease the value of the selected	Activate the audio menu
4	Menu/Enter	Select Function or select Sub menu	Activate OSD main menu
5	Auto/Exit	Exit OSD or back to previous menu	Auto configuration

3.3 Adjusting the Picture



OSD functions

Main Menu Item	Main Menu Icon	Sub Menu Item	Sub Menu Icon	Description
Luminance		Contrast		Contrast from Digital-register.
		Brightness		Backlight Adjustment
Image Setup		Focus		Adjust Picture Phase to reduce Horizontal-Line noise
		Clock		Adjust picture Clock to reduce Vertical-Line noise.
Image Position		H. Position		Adjust the horizontal position of the picture.
		V. Position		Adjust the vertical position of the picture.
Color Temp.		Warm	N/A	Recall warm Color Temperature from EEPROM.
		Cool	N/A	Recall cool Color Temperature from EEPROM.
		sRGB	N/A	Recall sRGB Color Temperature from EEPROM.
		User / Red	R	Red Gain from Digital-register.
		User / Green	G	Green Gain Digital-register.
		User / Blue	B	Blue Gain from Digital-register.

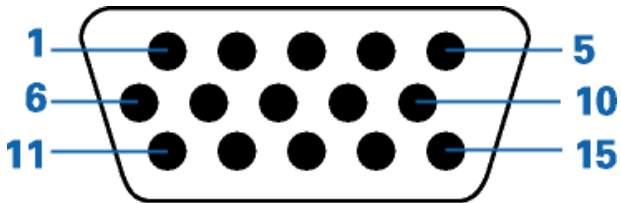
Input Select		Analog	N/A	Select input signal from analog source (D-Sub)
		Digital	N/A	Select input signal from digital source (DVI)
OSD Setup		H. Position		Adjust the horizontal position of the OSD.
		V. Position		Adjust the vertical position of the OSD.
		OSD Timeout		Adjust the OSD timeout.
Language		Language	N/A	Select the language you like.
Information		Information	N/A	Show the resolution, H/V frequency and input port of current input timing.
Reset		Yes	N/A	Clear each old status of Auto-configuration and set the color temperature to Cool.
		No	N/A	Do not execute reset, return to main menu.
Exit		N/A	N/A	Exit OSD

4. Input/Output Specification

4.1 Input Signal Connector

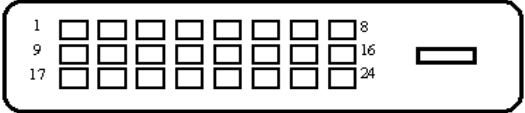
1. D-SUB connector

Pin No.	Description	Pin No.	Description
1.	Red	9.	+ 5V
2.	Green	10.	Detect Cable
3.	Blue	11.	Ground
4.	Ground	12.	DDC-Serial Data
5.	DDC-Return	13.	H-Sync
6.	R-Ground	14.	V-Sync
7.	G-Ground	15.	DDC-Serial Clock
8.	B-Ground		

VGA connector layout			
			

2. DVI-D connector

Pin No.	Description	Pin No.	Description
1.	TMDS data 2 –	13.	TMDS data 3 +
2.	TMDS data 2 +	14.	+ 5V Power
3.	TMDS data 2/4 Shield	15.	GND (for +5V)
4.	TMDS data 4 –	16.	Hot Plug Detect
5.	TMDS data 4 +	17.	TMDS data 0 –
6.	DDC Clock	18.	TMDS data 0 +
7.	DDC Data	19.	TMDS data 0/5 Shield
8.	NC	20.	TMDS data 5 –
9.	TMDS data 1 –	21.	TMDS data 5 +
10.	TMDS data 1 +	22.	TMDS Clock Shield
11.	TMDS data 1/3 Shield	23.	TMDS Clock +
12.	TMDS data 3 –	24.	TMDS Clock –

24 - Pin Color Display Signal Cable			
			

4.2 Power Supply Requirement

A/C Line voltage range	: 100 V ~ 240 V
A/C Line frequency range	: 50 ± 3Hz, 60 ± 3Hz
Current	: TBD
Peak surge current	: < 55A peak at 240 VAC and cold starting
Leakage current	: < 3.5mA
Power line surge	: No advance effects (no loss of information or defect) with a maximum of 1 half-wave missing per second
DC output Voltage	: 12VDC ± 5%
Current (max)	: 3.5 Amp (12V)

4.3. Factory Preset Display Modes

Standard	Resolution	Horizontal Frequency	Vertical Frequency
Dos-mode	720 × 400	31.47kHz	70.0Hz
VGA	640 × 480	31.47kHz	60.0Hz
	640 × 480	37.50kHz	75.0Hz
SVGA	800 × 600	37.879kHz	60.0Hz
	800 × 600	46.875kHz	75.0Hz
XGA	1024 × 768	48.363kHz	60.0Hz
	1024 × 768	56.476kHz	70.0Hz
	1024 × 768	60.021kHz	75.0Hz
	1024 × 768	48.780	60.0Hz
	1024 × 768	60.241	75.0Hz
SXGA	1280 × 1024	64.000kHz	60.0Hz
	1280 × 1024	80.00	75.0Hz

4.4 Panel Specification

4.4.1 Features

- Super wide viewing angle
- Super high contrast ratio
- Super fast response time
- High color saturation (EBU Like Specifications)
- SXGA (1280 x 1024 pixels) resolution
- DE (Data Enable) only mode
- LVDS (Low Voltage Differential Signaling) interface
- PSWG compatible
- RoHS compliance
- TCO'03 compliance

4.4.2 Display Characteristics

Item	Specification	Unit	Note
Active Area	337.92 (H) × 270.34 (V)	mm	(1)
Bezel Opening Area	341.9 (H) × 274.4 (V)	mm	
Driver Element	a-Si TFT active matrix	-	-
Pixel Number	1280 × R.G.B. × 1024	pixel	-
Pixel Pitch	0.264 (H) × 0.264 (V)	mm	-
Pixel Arrangement	RGB vertical stripe	-	-
Display Colors	16.7 M	color	-
Transmissive Mode	Normally white	-	-
Surface Treatment	Hard coating (3H), AG (Haze 25%)	-	-

4.4.3 Optical Characteristics

Item		Symbol	Condition	Min.	Typ.	Max.	Unit
Color Chromaticity	Red	R _x	$\theta_x=0^\circ, \theta_Y=0^\circ$ CS-1000T	Typ – 0.03	0.647	Typ + 0.03	
		R _y			0.332		
	Green	G _x			0.284		
		G _y			0.608		
	Blue	B _x			0.149		
		B _y			0.067		
	White	W _x			0.313		
		W _y			0.329		
Center Luminance of White		L _C	250	300	-	cd/m ²	
Contrast Ratio		CR	600	800	-	-	
Response Time		T _R	$\theta_x=0^\circ, \theta_Y=0^\circ$	-	1	6	ms
		T _F		-	4	9	ms
White Variation		δW	$\theta_x=0^\circ, \theta_Y=0^\circ$ CA210	-	1.30	1.45	-
Viewing Angle	Horizontal	θ _x ⁺	CR ≥ 10 BM-5A	70	80	-	Deg.
		θ _x ⁻		70	80	-	
	Vertical	θ _y ⁺		70	80	-	
		θ _y ⁻		70	80	-	
Viewing Angle	Horizontal	θ _x ⁺	CR ≥ 5 BM-5A	80	89	-	Deg.
		θ _x ⁻		80	89	-	
	Vertical	θ _y ⁺		75	85	-	
		θ _y ⁻		75	85	-	

4.4.4 Electrical Characteristics

1. TFT LCD Module

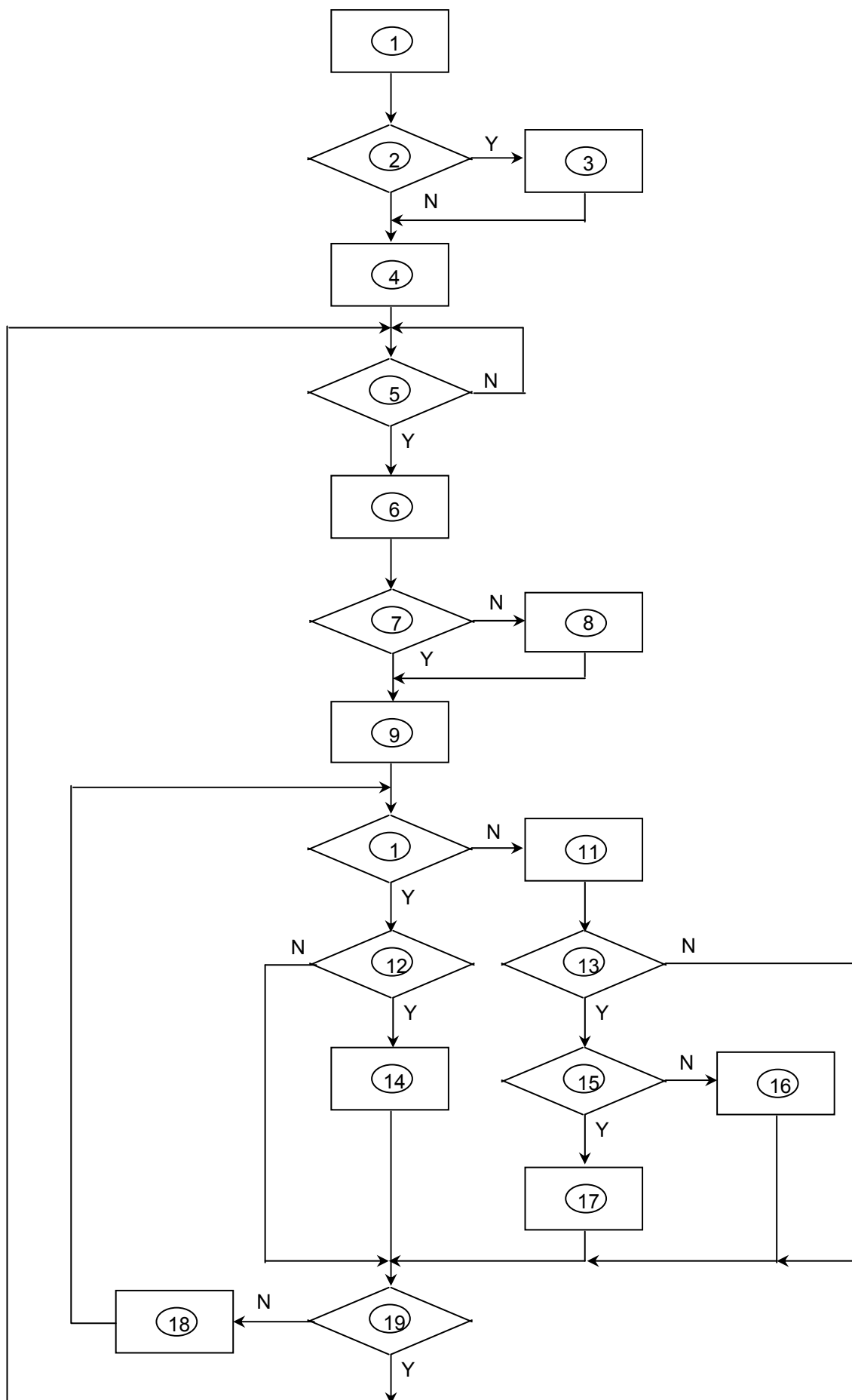
Parameter		Symbol	Value			Unit
			Min.	Typ.	Max.	
Power Supply Voltage		V _{CC}	4.5	5.0	5.5	V
Ripple Voltage		V _{RP}	-	--	100	mV
Rush Current		I _{RUSH}	-	--	3.8	A
Power Supply Current	White	I _{CC}	-	420	590	mA
	Black		-	750	1100	mA
	f _V = 75Hz, c=4.5V		-	1200	1200	mA
LVDS differential input voltage		V _{id}	-100	-	+100	mV
LVDS common input voltage		V _{ic}	--	1.2	--	V

2. Backlight Unit

Parameter	Symbol	Value			Unit
		Min.	Typ.	Max.	
Lamp Input Voltage	V _L	576	640	704	V _{RMS}
Lamp Current	I _L	2.0	7.0	7.5	mA _{RMS}
Lamp Turn On Voltage	V _S	-	-	1250(25 °C)	V _{RMS}
		-	-	1470 (0 °C)	V _{RMS}
Operating Frequency	F _L	40	-	80	KHz
Lamp Life Time	L _{BL}	50,000	-	-	Hrs
Power Consumption	P _L	-	17.92	-	W

5. Block Diagram

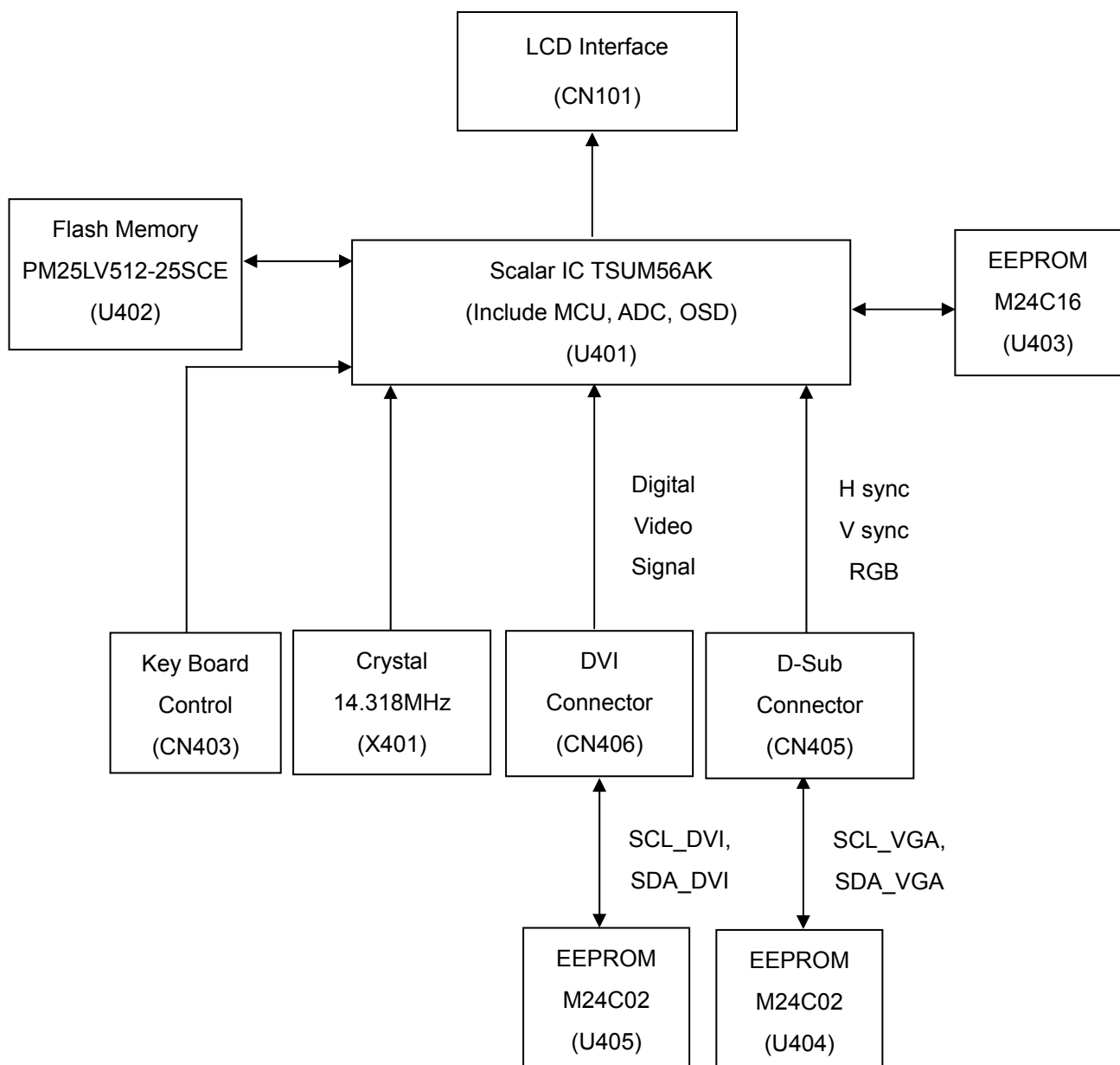
5.1 Software Flow Chat



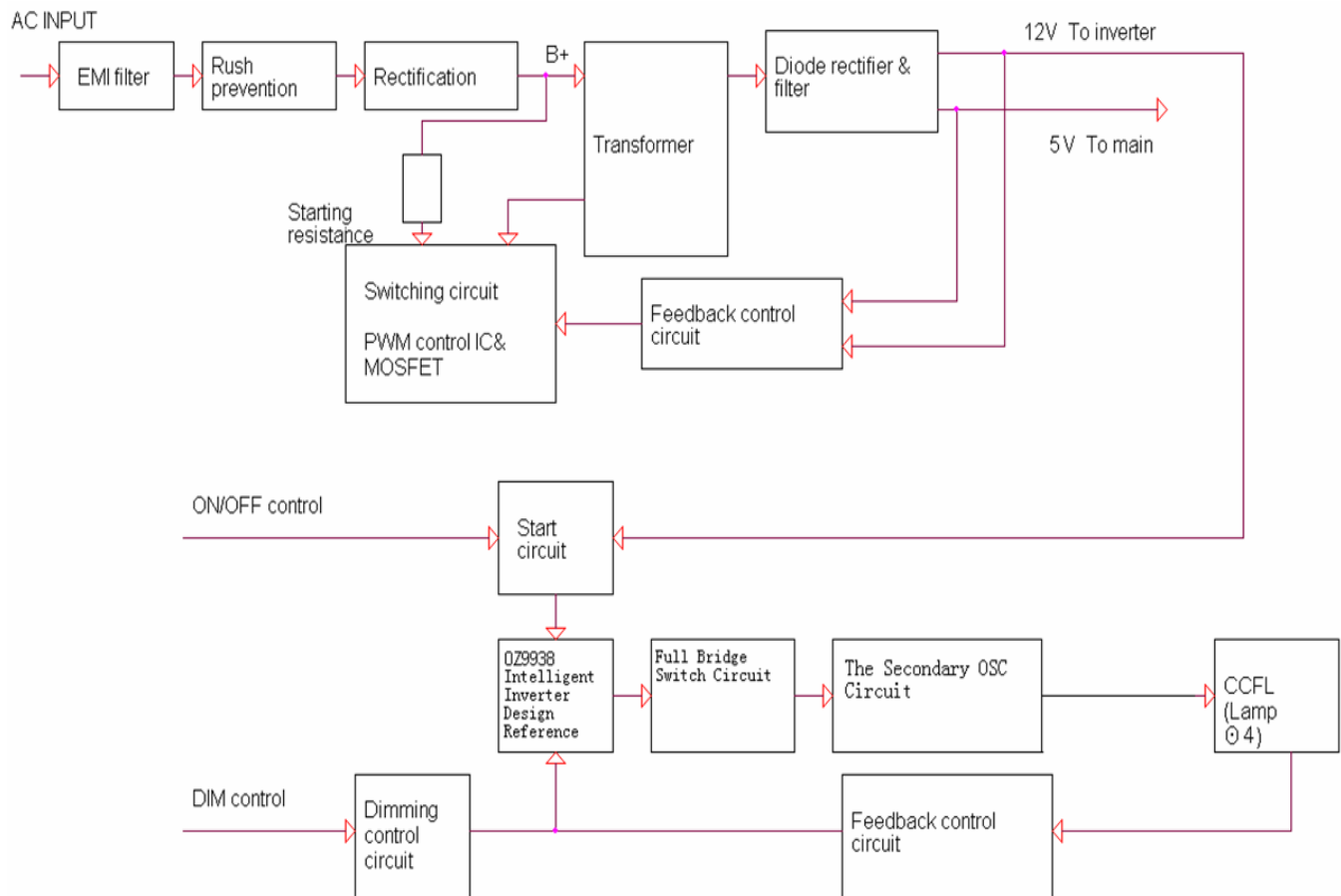
1) MCU initialize.
2) Is the EPROM blank?
3) Program the EPROM by default values.
4) Get the PWM value of brightness from EPROM.
5) Is the power key pressed?
6) Clear all global flags.
7) Are the AUTO and SELECT keys pressed?
8) Enter factory mode.
9) Save the power key status into EPROM. Turn on the LED and set it to green color. Scalar initializes.
10) In standby mode?
11) Update the lifetime of back light.
12) Check the analog port, are there any signals coming?
13) Does the scalar send out an interrupt request?
14) Wake up the scalar.
15) Are there any signals coming from analog port?
16) Display "No connection Check Signal Cable" message. And go into standby mode after the message disappear.
17) Program the scalar to be able to show the coming mode.
18) Process the OSD display.
19) Read the keyboard. Is the power key pressed?

5.2 Electrical Block Diagram

5.2.1 Main Board



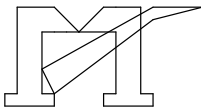
5.2.2 Inverter/Power Board



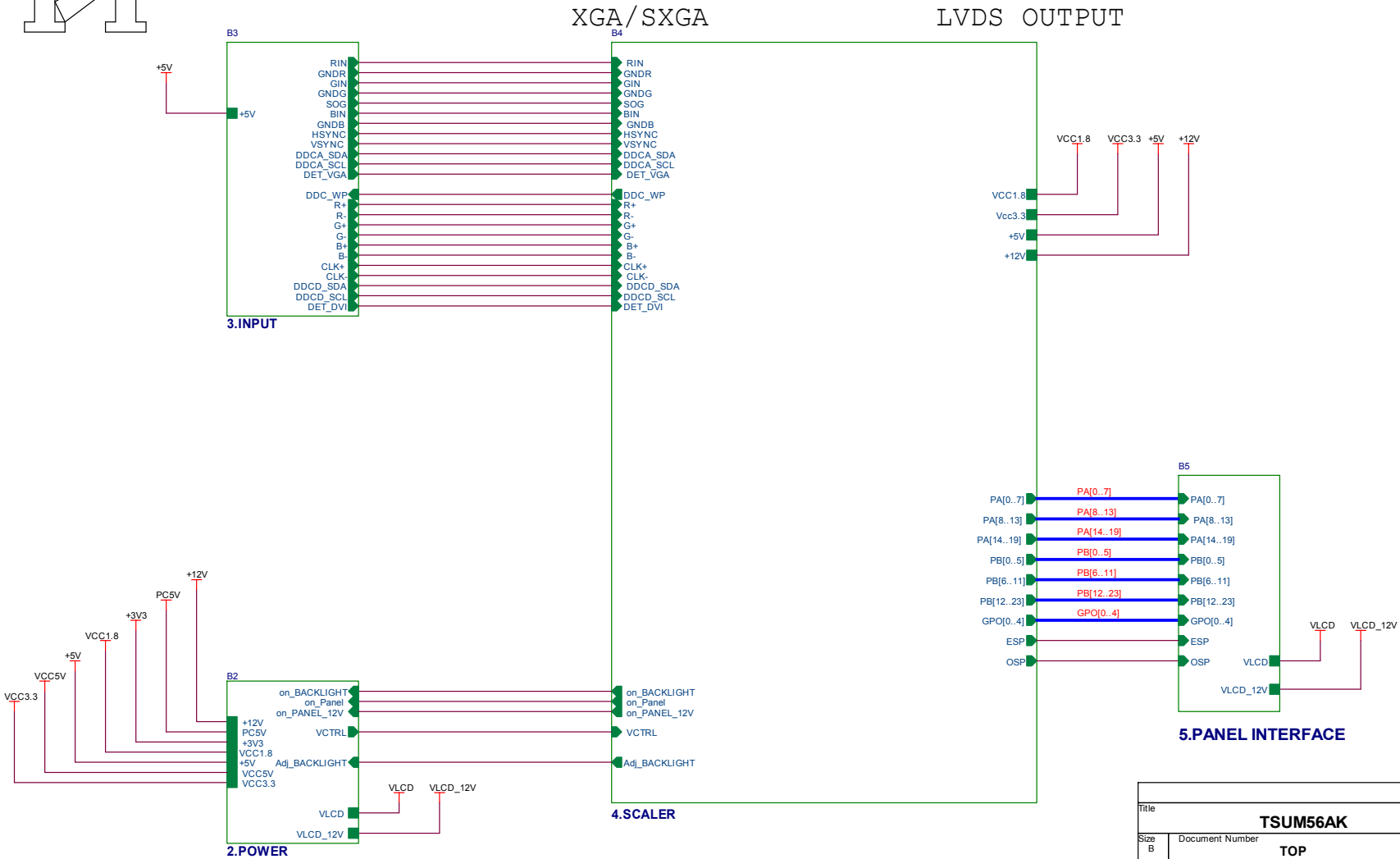
6. Schematic

6.1 Main Board

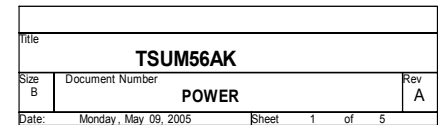
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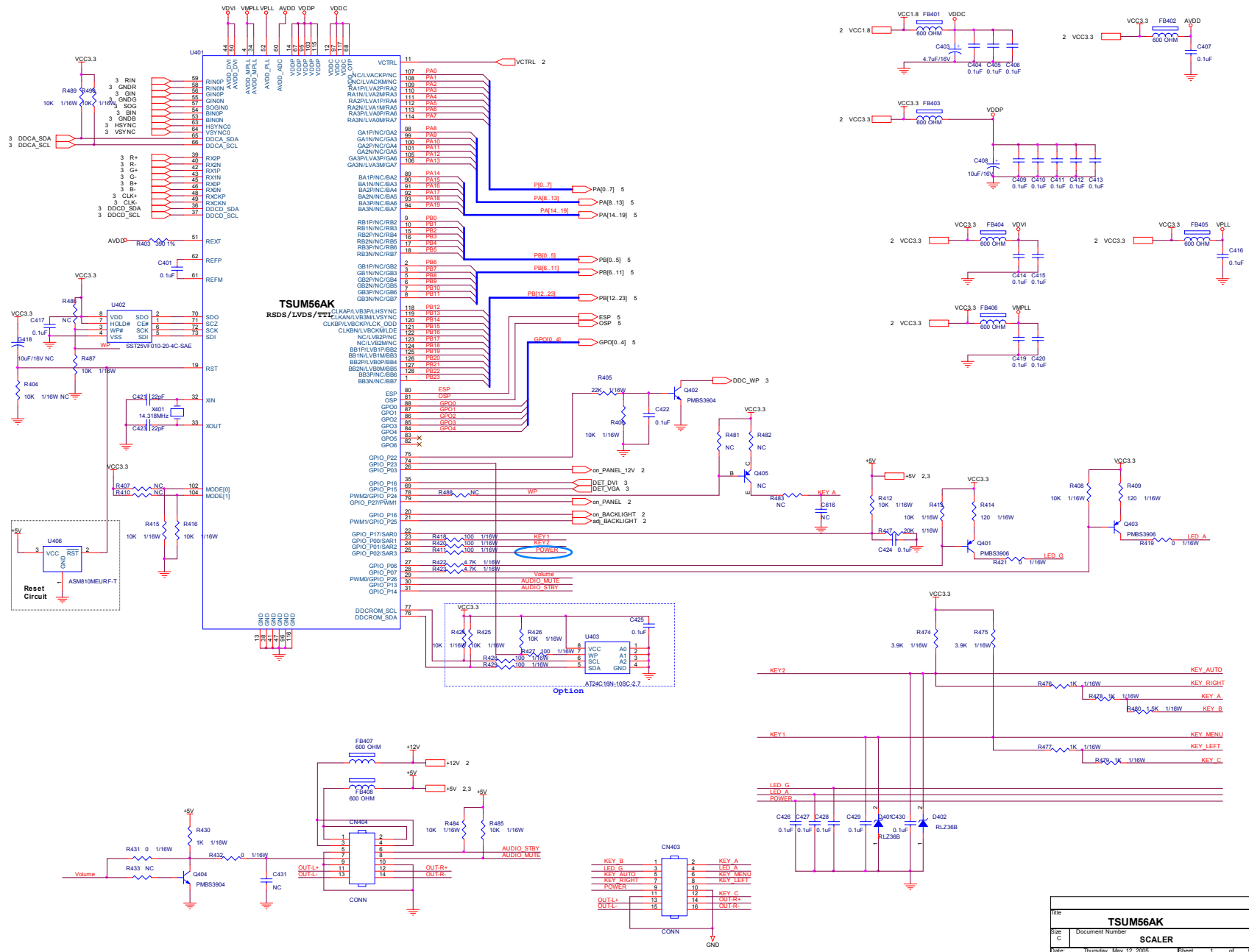


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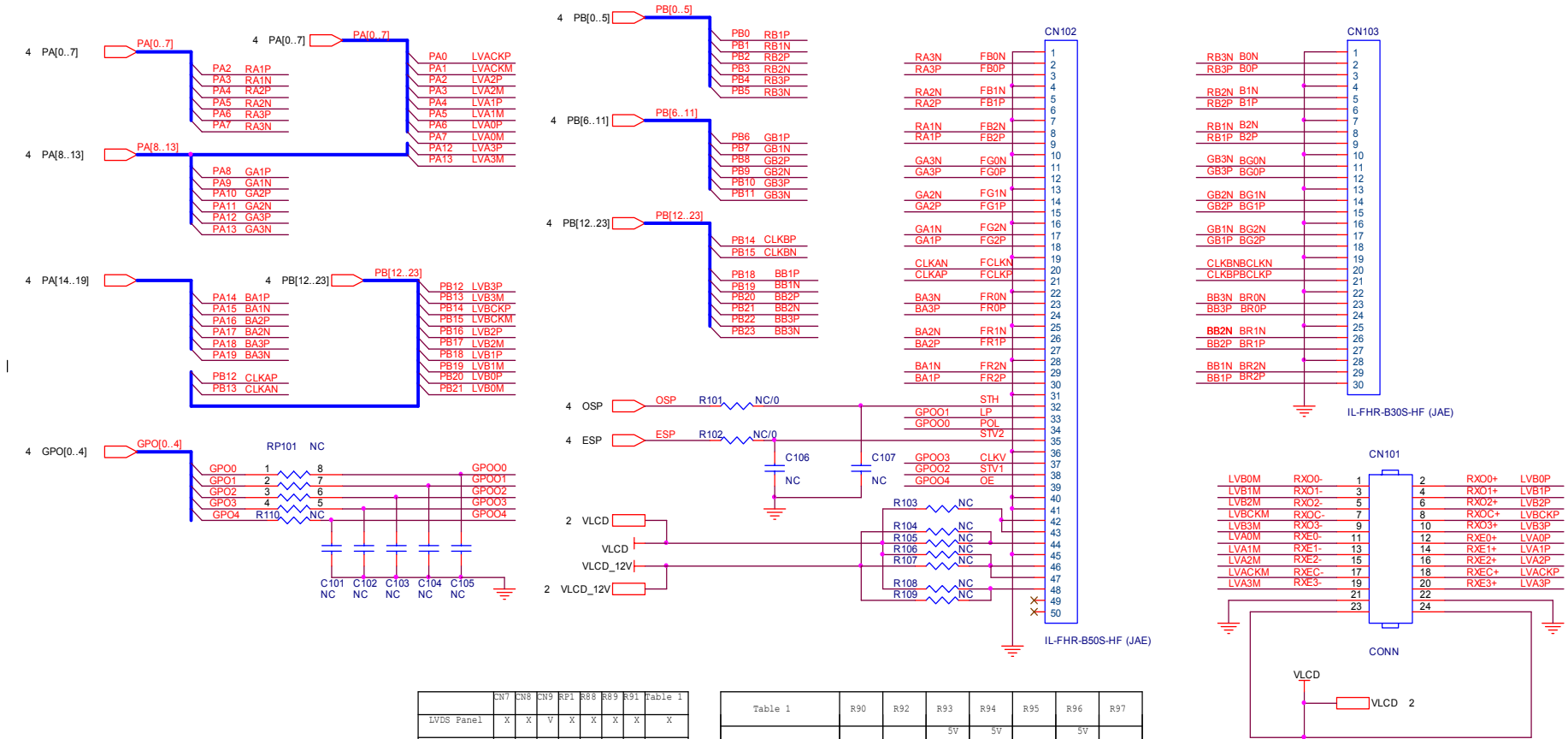


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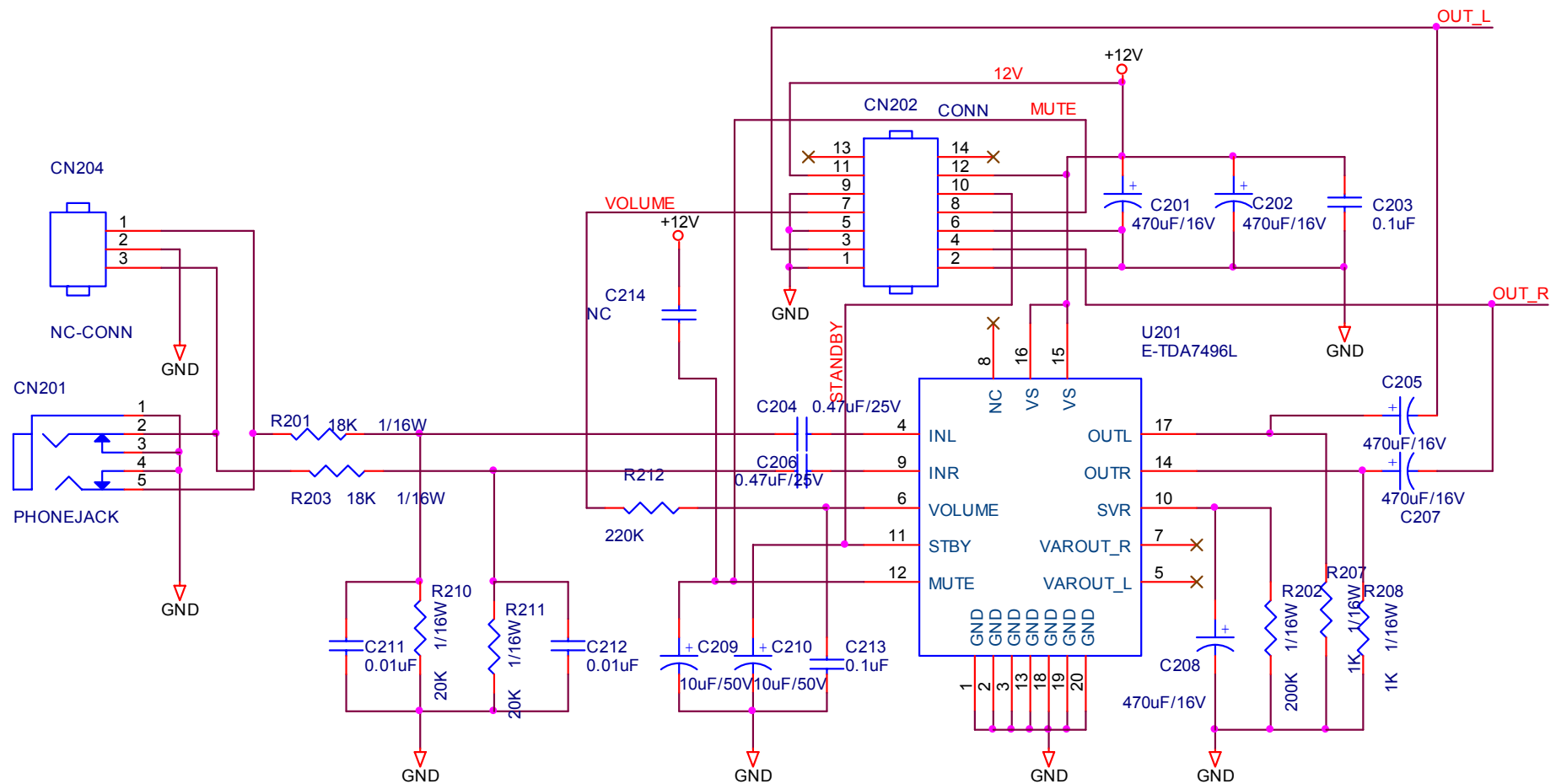
	CN7	CN8	CN9	RP1	R88	R89	R91	Table 1
LVDS Panel	X	X	V	X	X	X	X	X
RSDS Panel	V	V	X	V	V	V	V	V

Table 1	R90	R92	R93	R94	R95	R96	R97
AU 17	NC	NC	5V	5V	NC	5V	NC
QDI 17	3.3V	12V	0R	0R	12V	0R	12V
CPT 17	0R	0R	NC	NC	0R	NC	0R
INNOLUX 15	3.3V	0R	3.3V	NC	NC	NC	NC
HannStar 15	3.3V	0R	3.3V	NC	12V	NC	NC
CPT 15	3.3V	0R	3.3V	NC	0R	NC	NC
LG 15	3.3V	0R	0R	NC	NC	NC	NC
Innolux 17"	NC	NC	0R	0R	3.3V	0R	NC

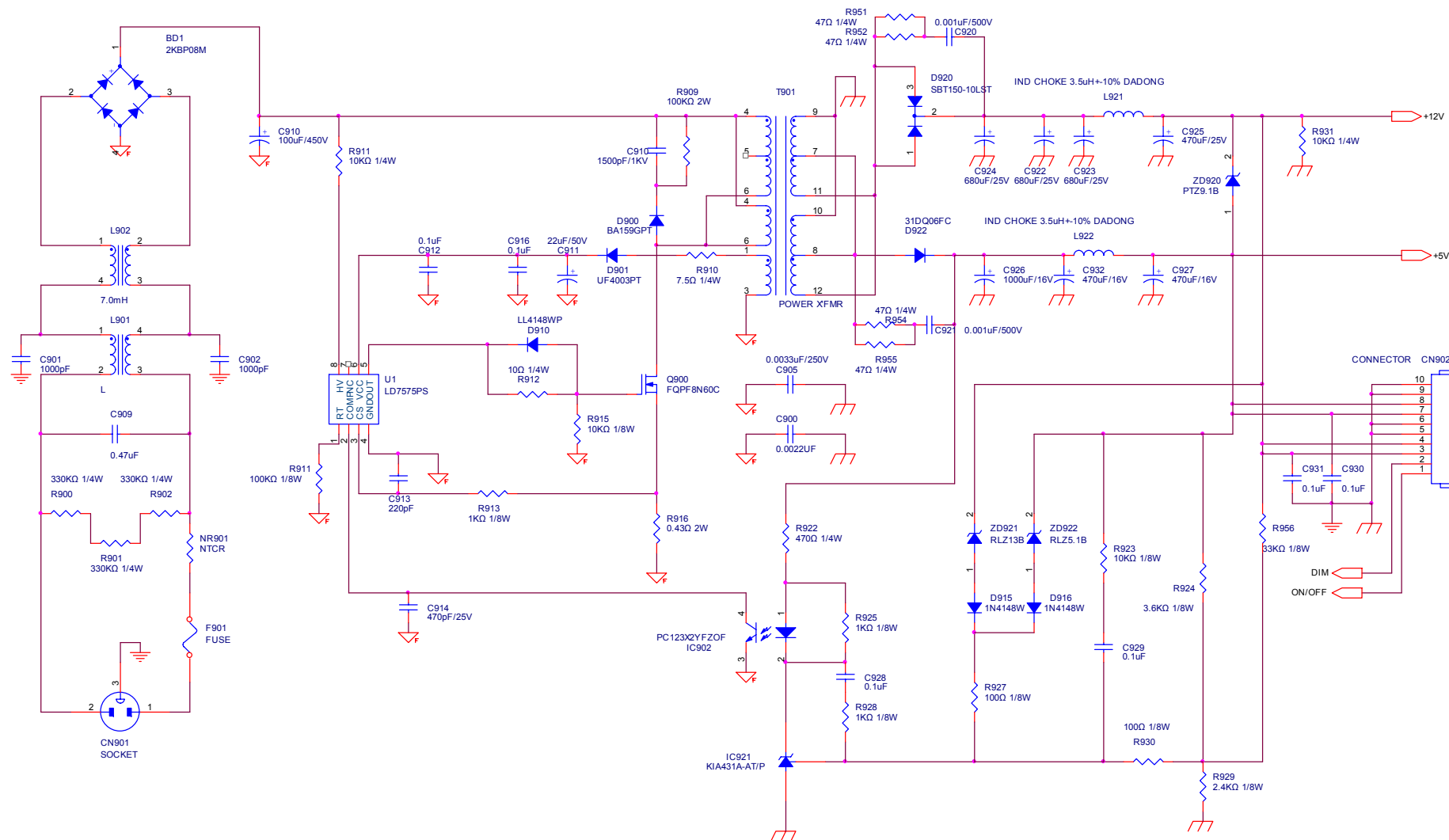
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6.2 Audio Board

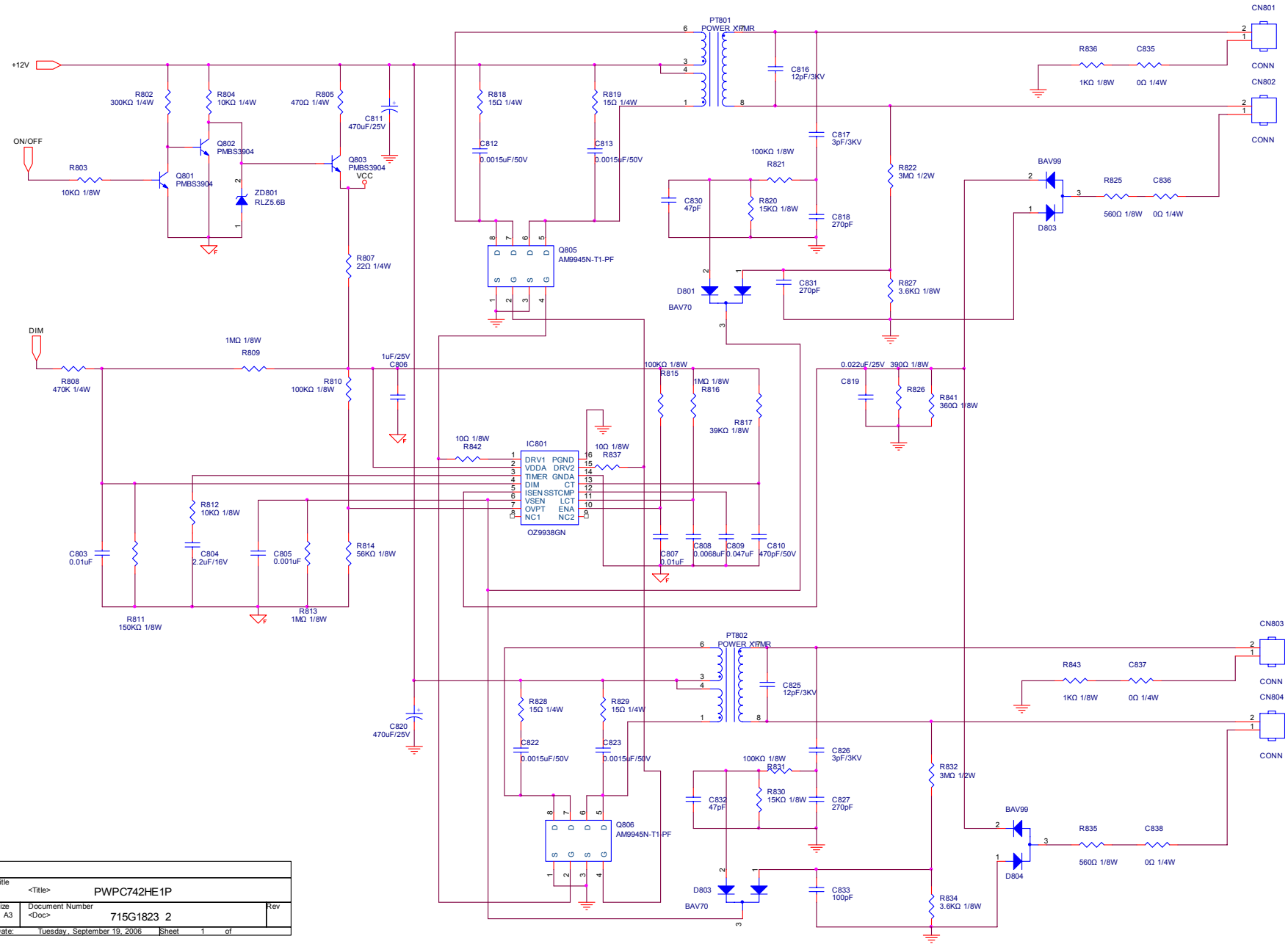
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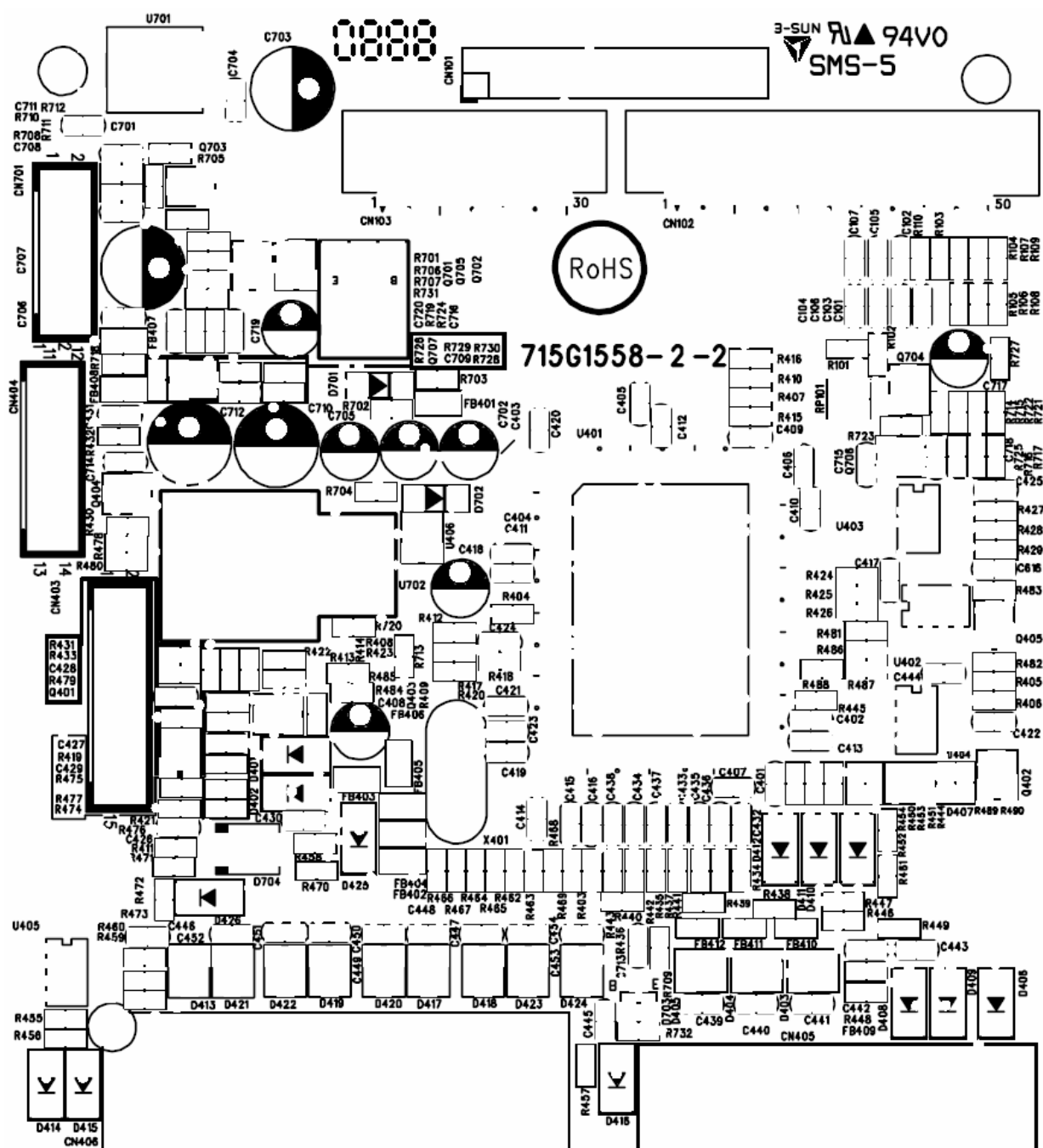
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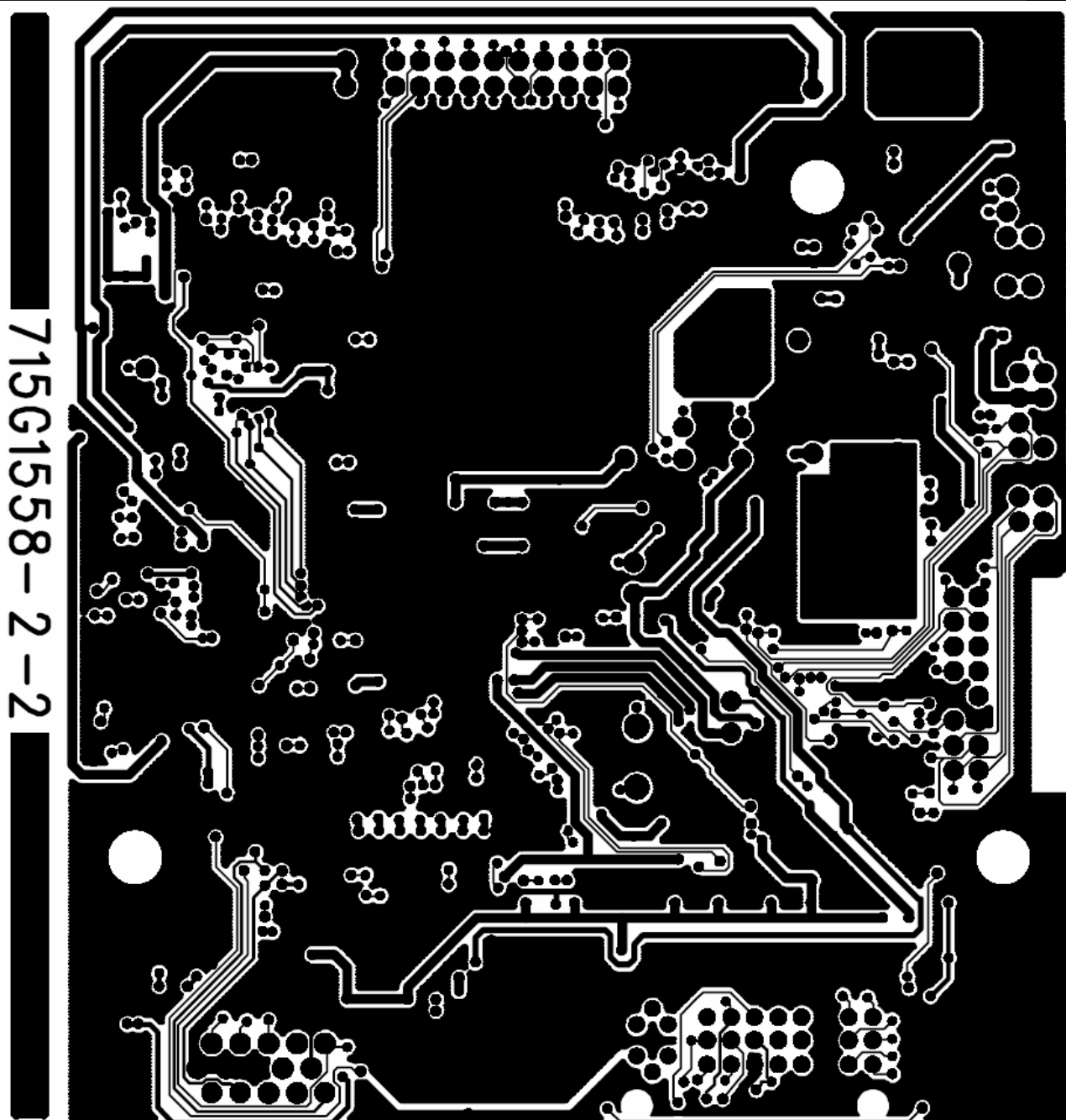


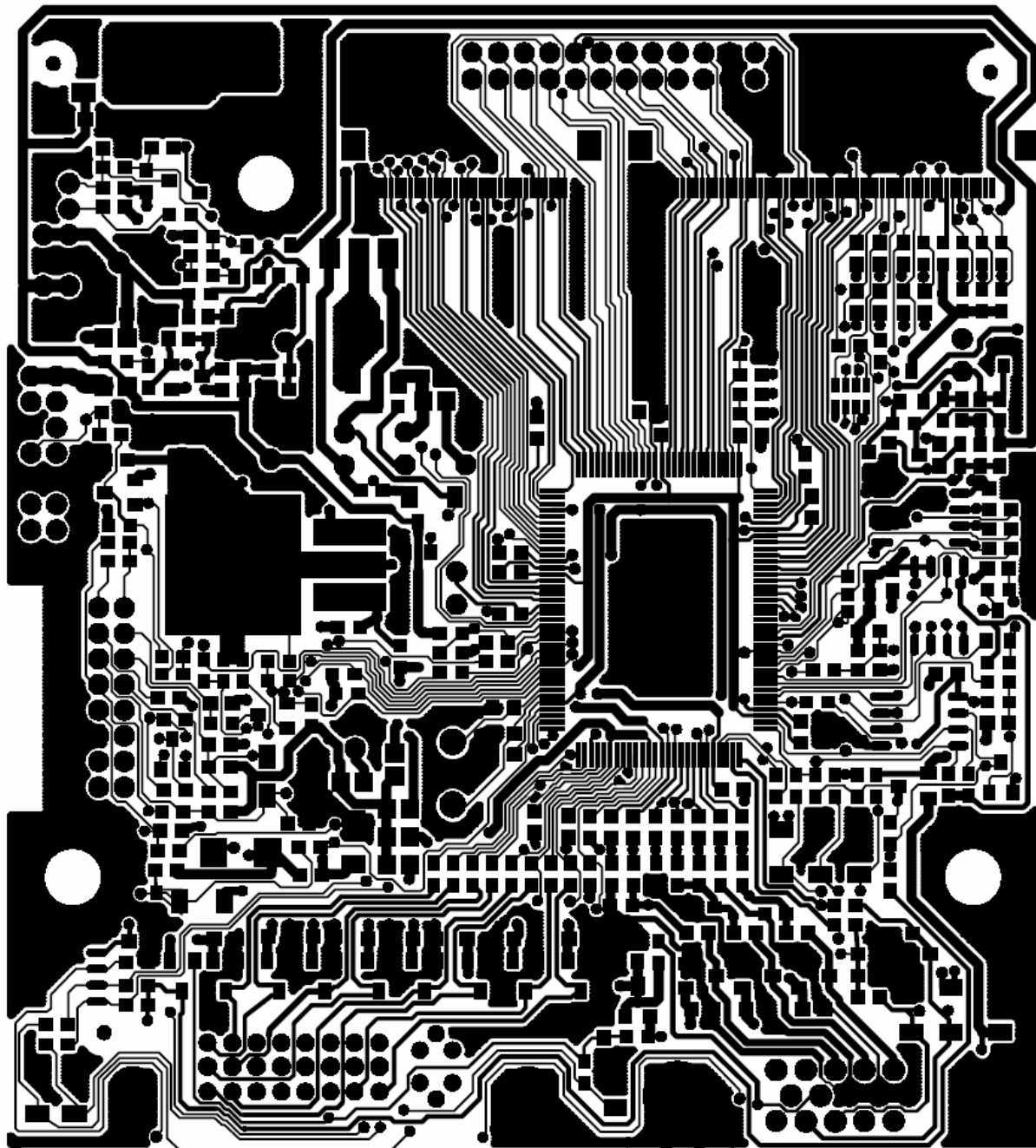
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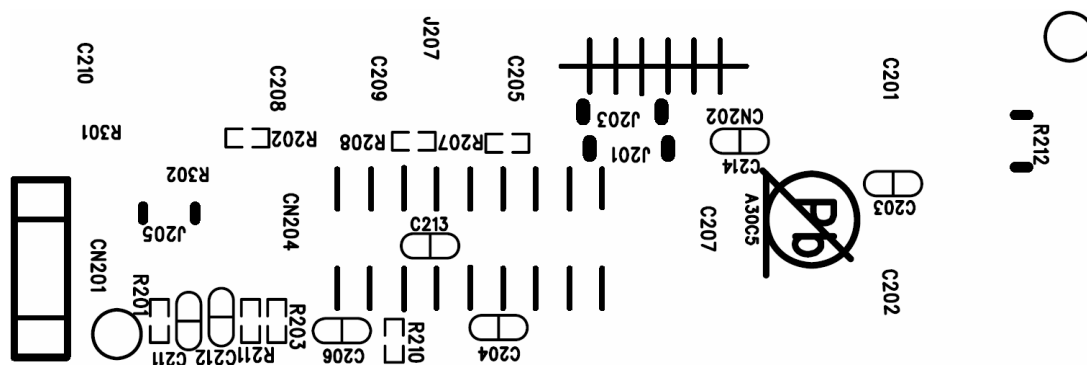
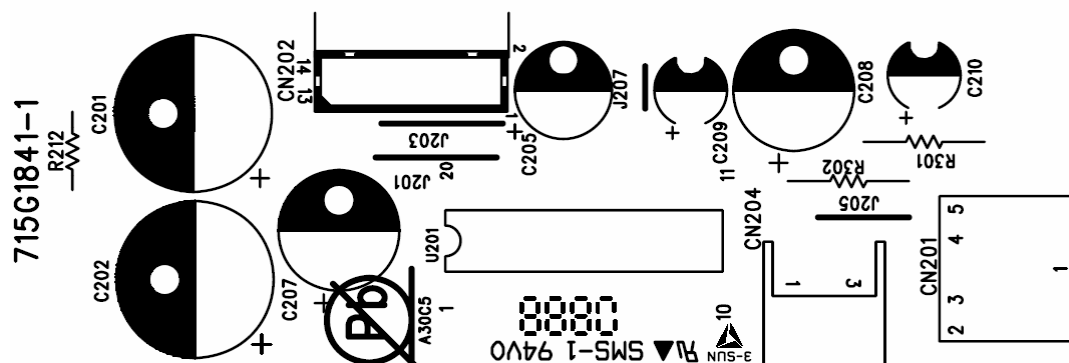


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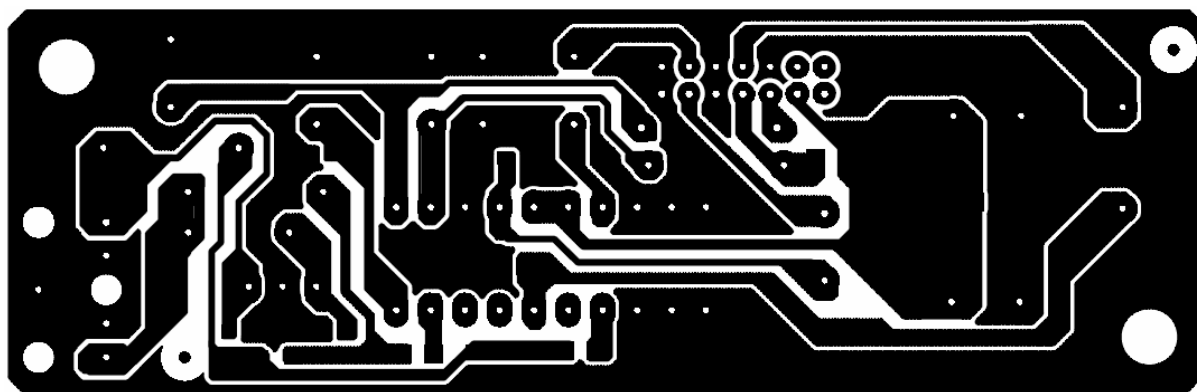
7.2 Audio Board

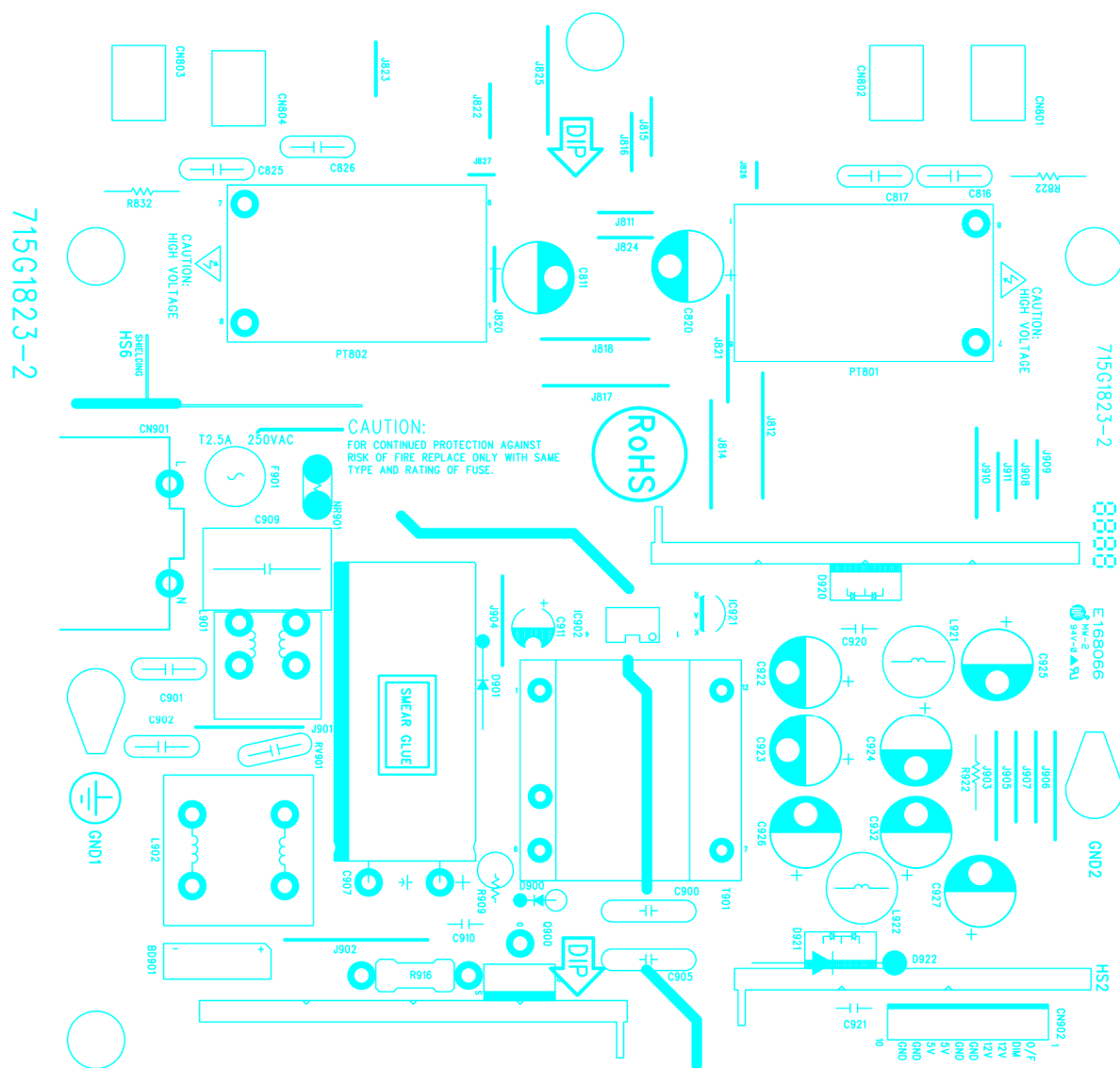
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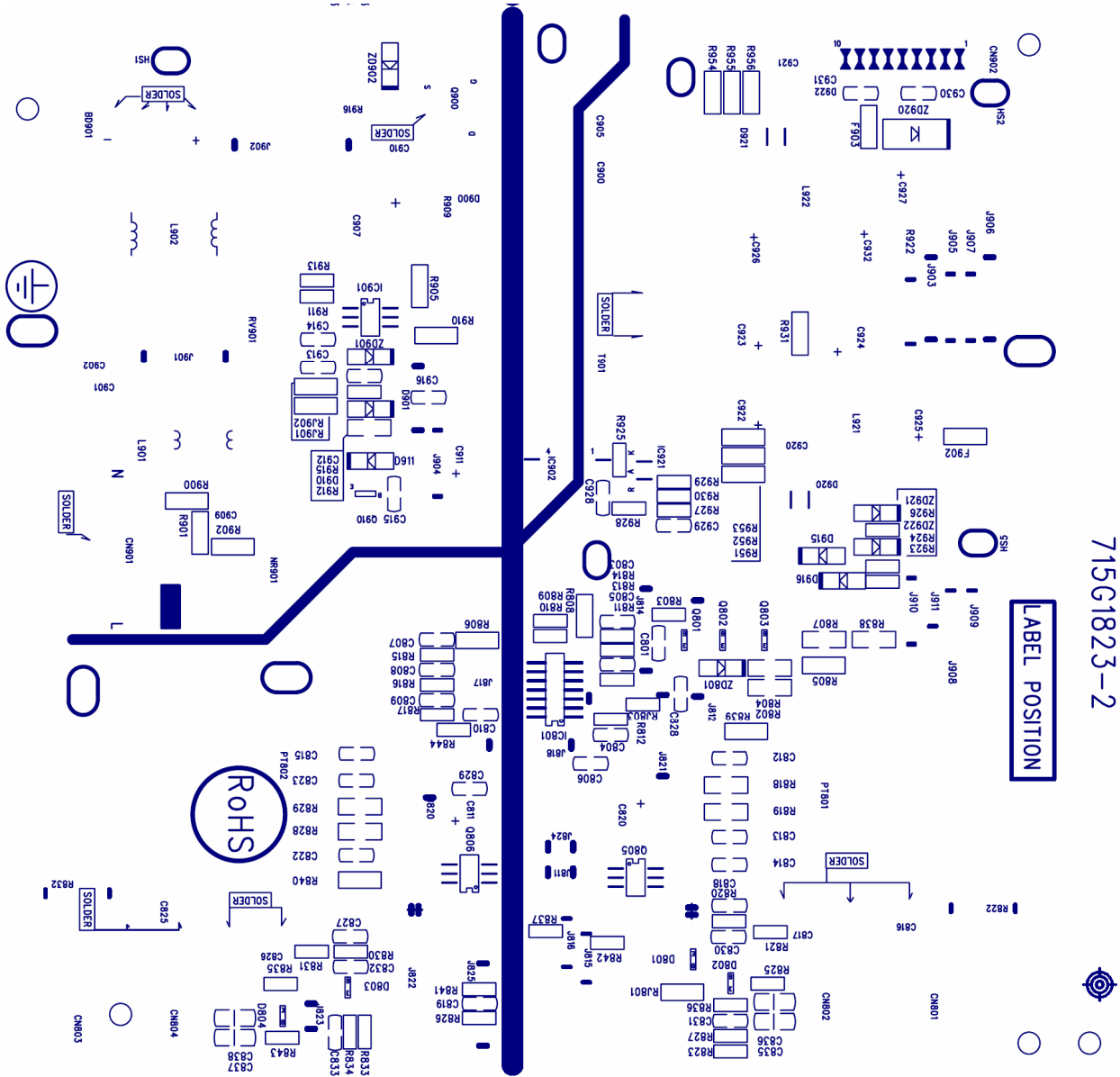
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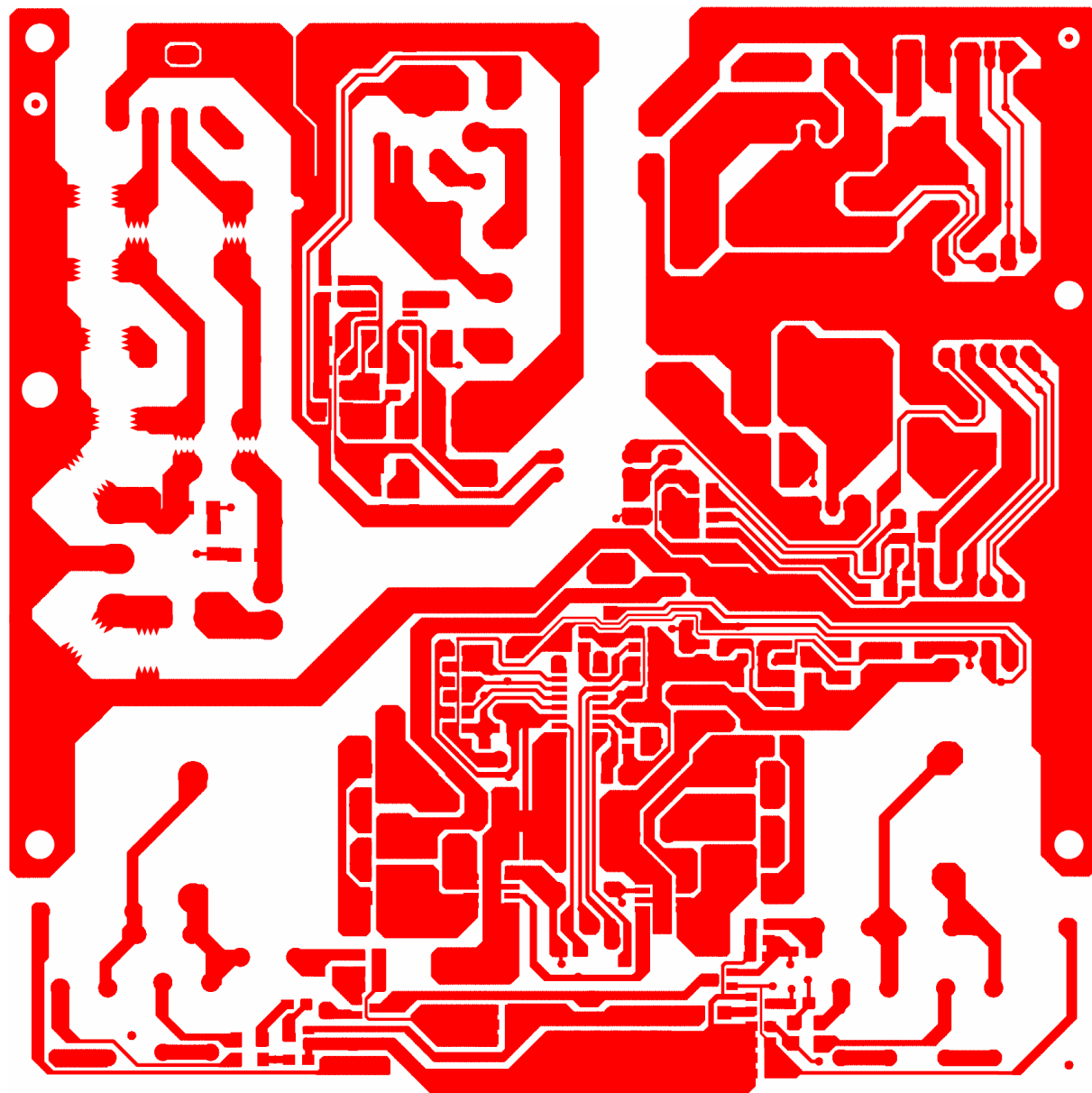


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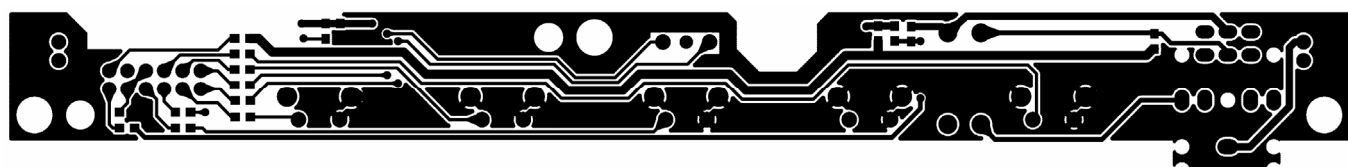
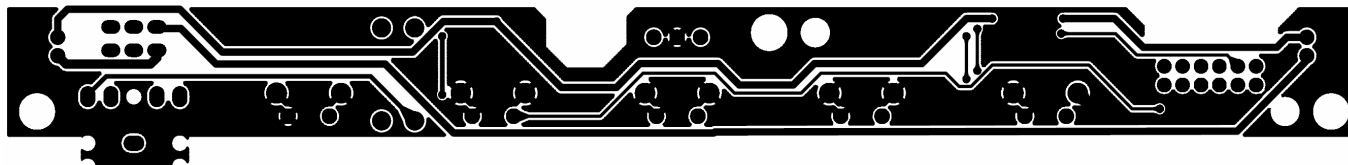
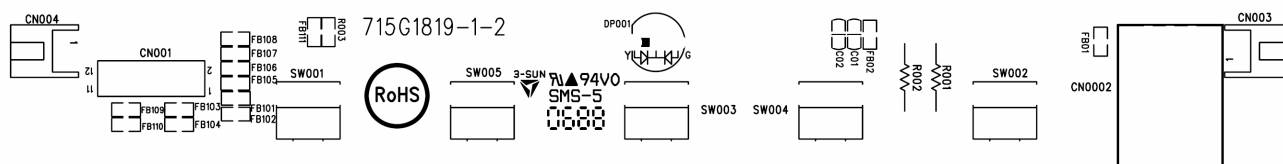






7.4 Key Board

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8. Maintainability

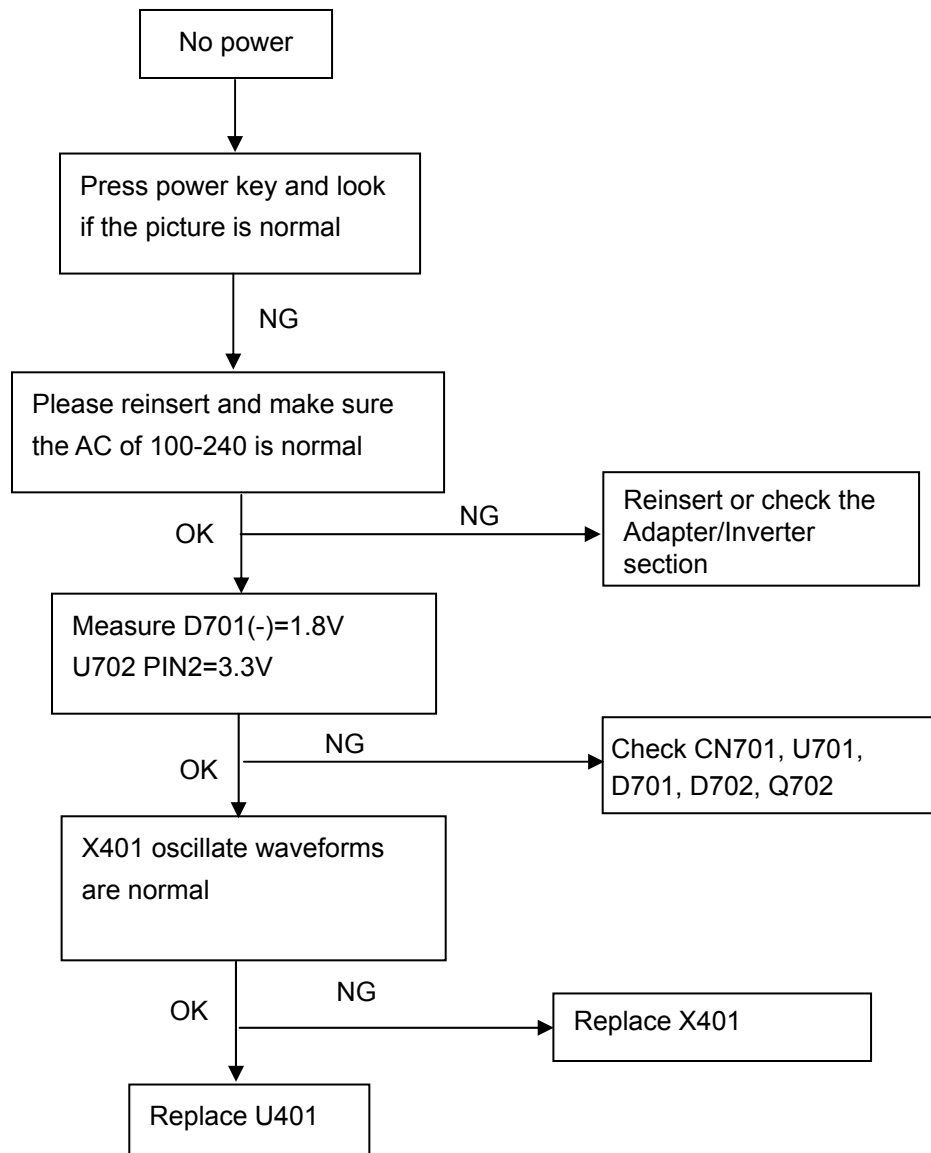
8.1 Equipments and Tools Requirement

1. Voltmeter.
2. Oscilloscope.
3. Pattern Generator.
4. DDC Tool with an IBM Compatible Computer.
5. Alignment Tool.
6. LCD Color Analyzer.
7. Service Manual.
8. User Manual.

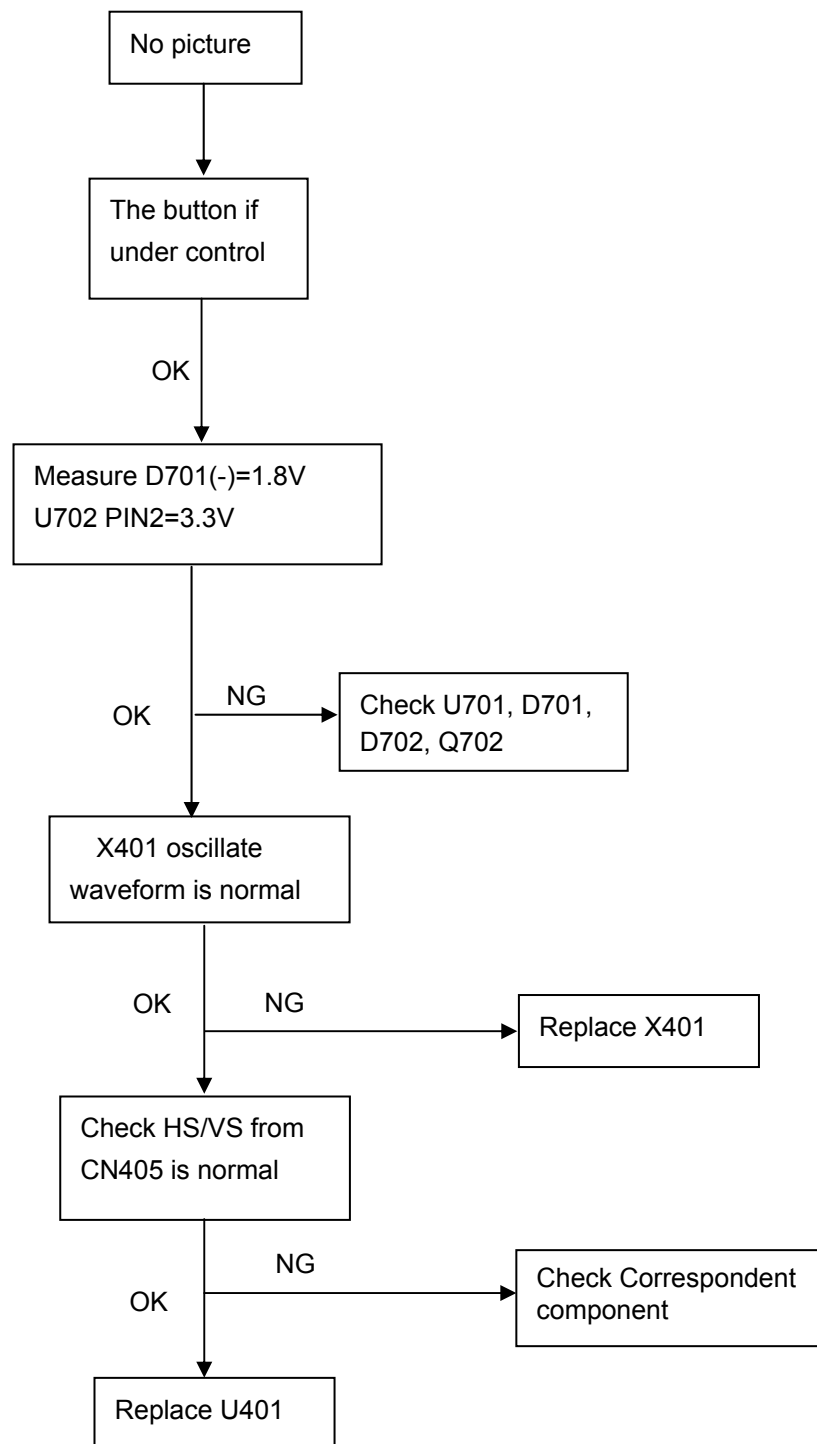
8.2 Trouble Shooting

8.2.1 Main Board

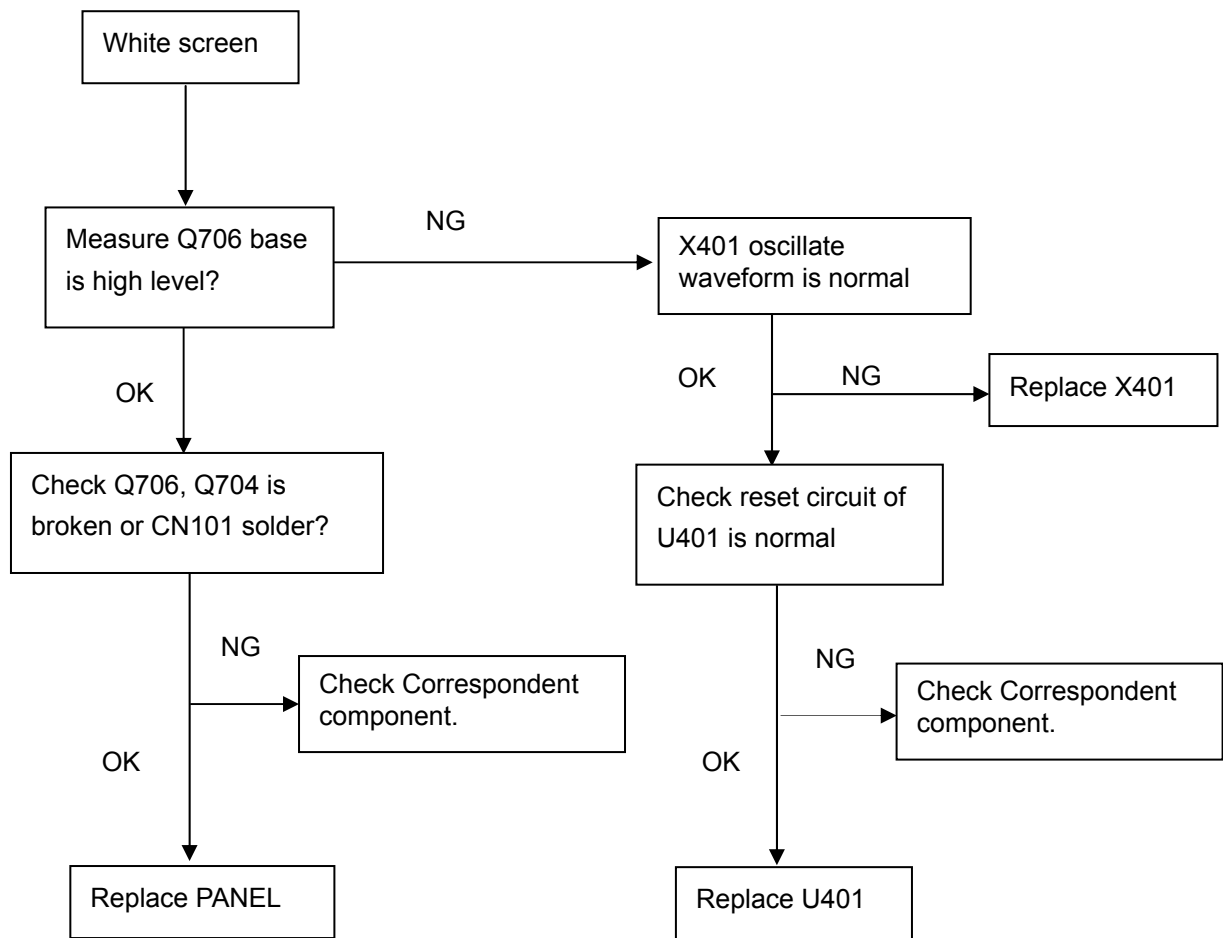
No power



No picture (LED orange)

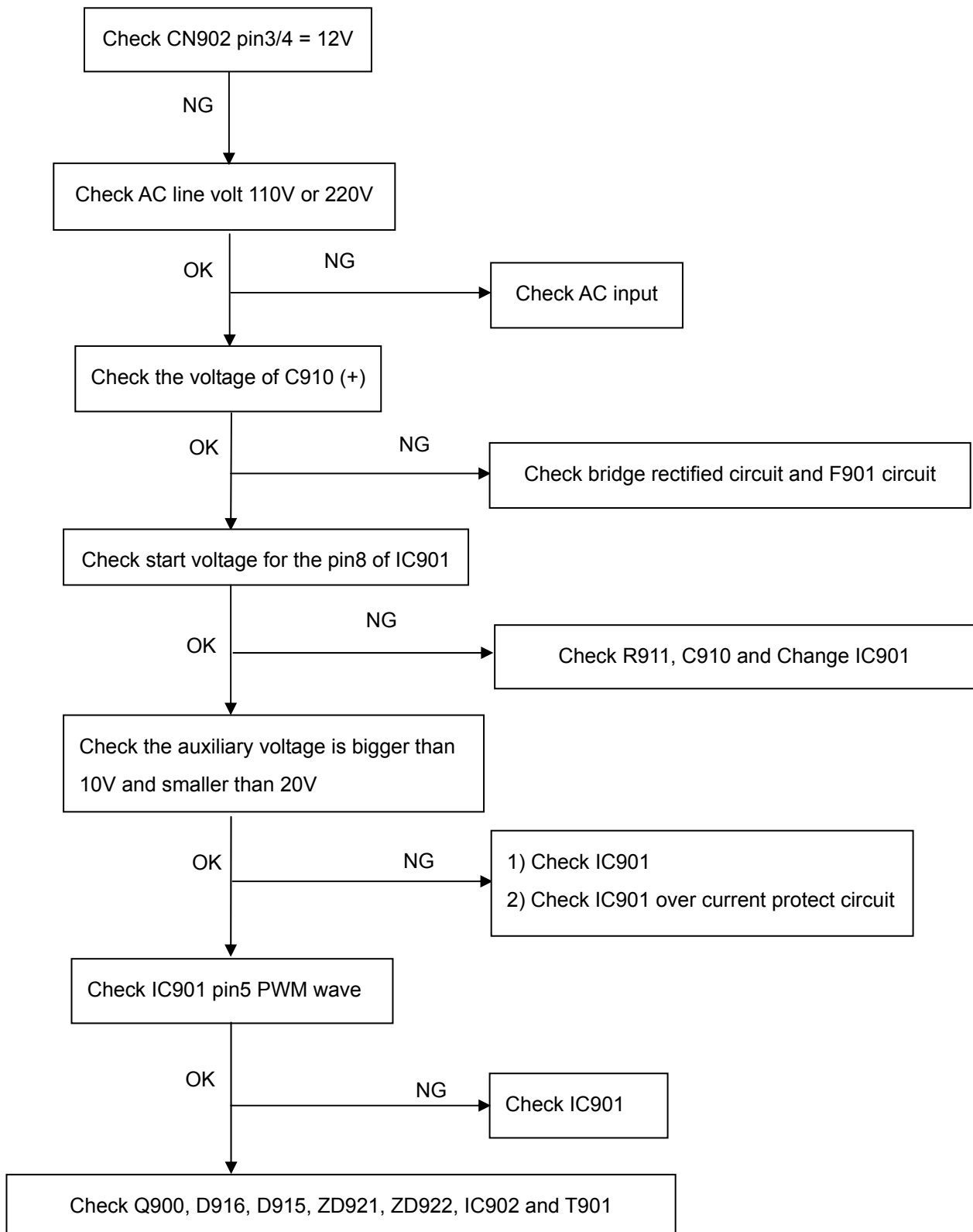


White screen

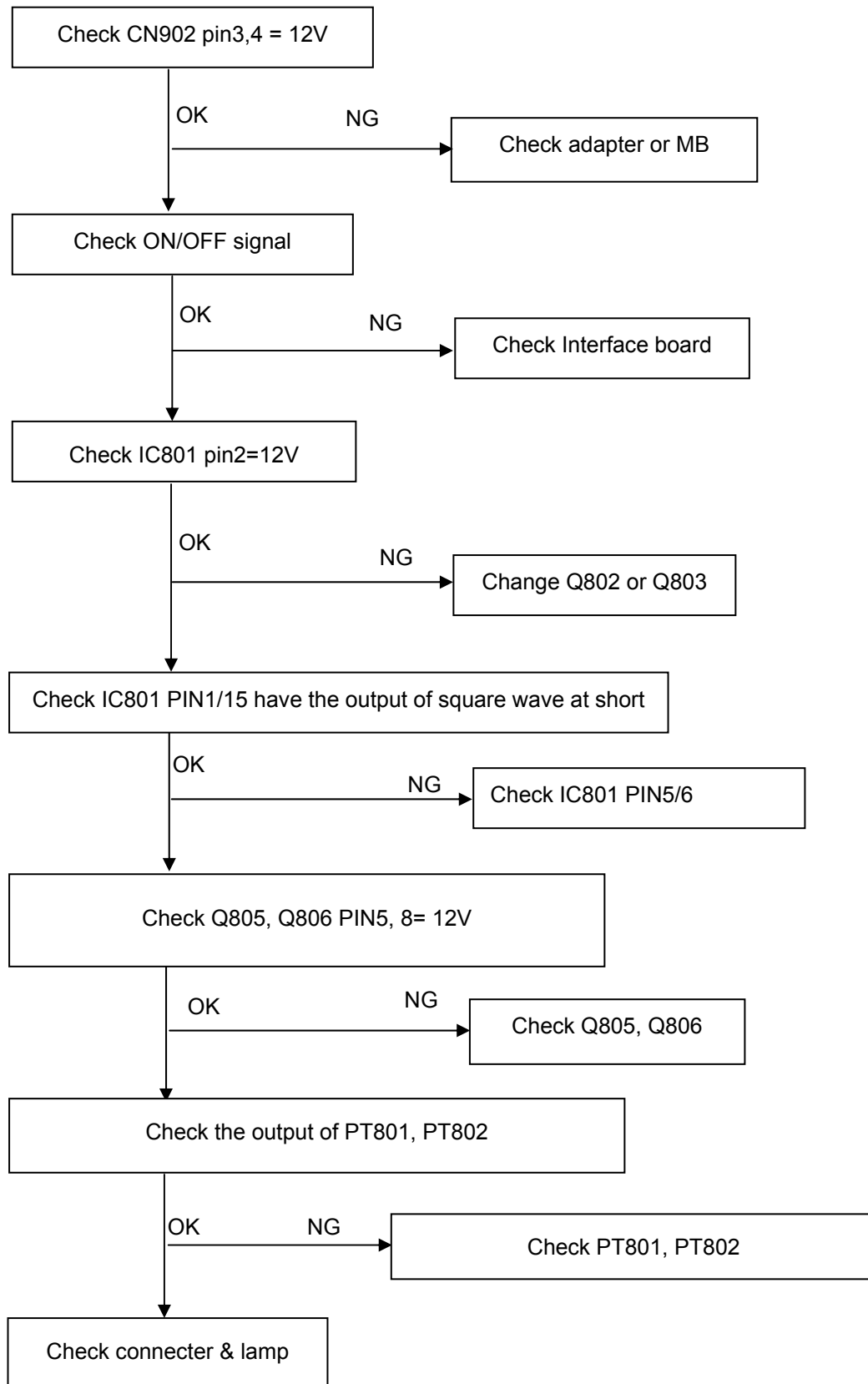


8.2.2 Power/Inverter Board

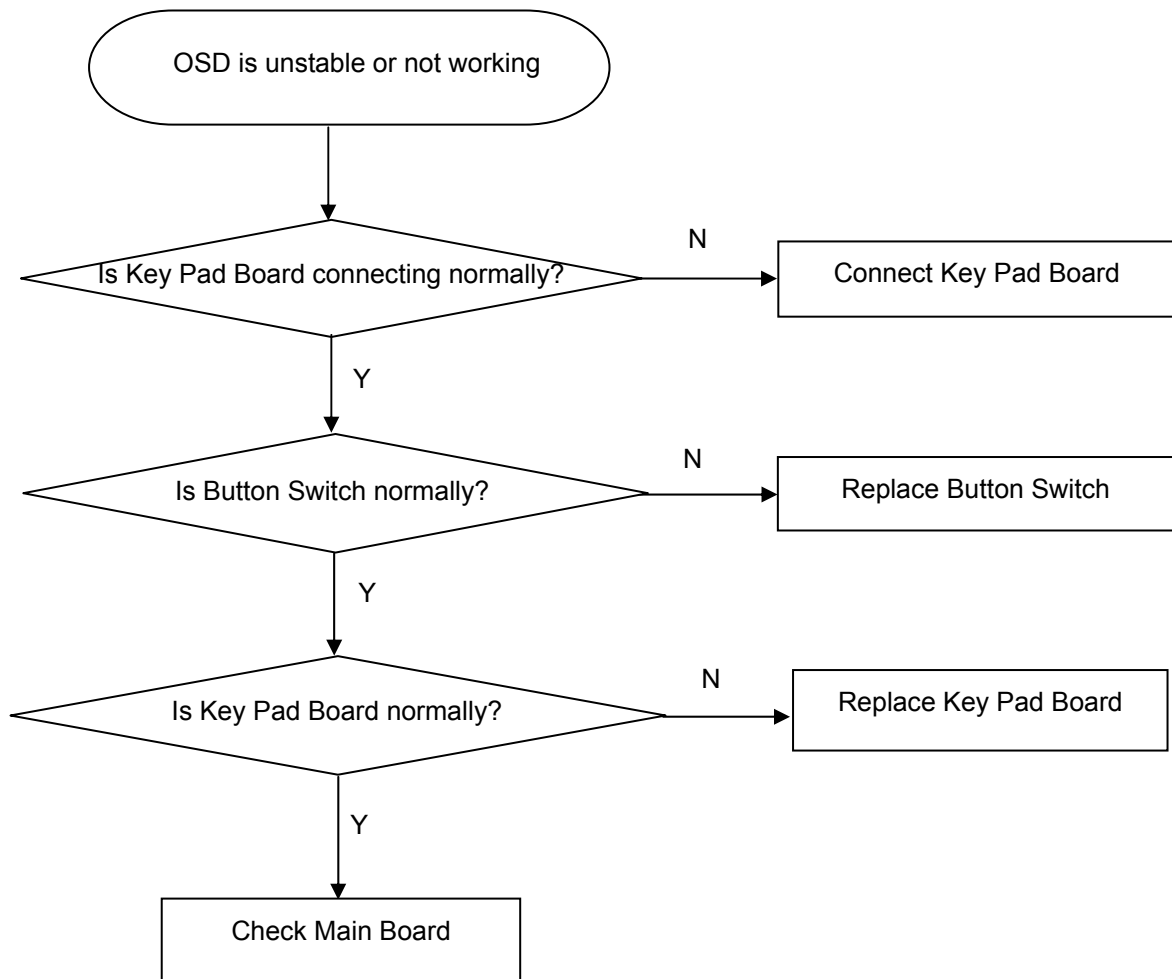
(1) No power



2.) W / LED, No Backlight



8.2.3 Keypad Board



9. White-Balance, Luminance Adjustment

Approximately 30 minutes should be allowed for warm up before proceeding White-Balance adjustment.

1. How to do the Chroma-7120 MEM. Channel setting

A. Reference to chroma 7120 user guide

B. Use “**SC**” key and “**NEXT**” key to modify xyY value and use “**ID**” key to modify the

TEXT description Following is the procedure to do white-balance adjust

2. Setting the color temp. you want

A. MEM.CHANNEL 3 (Warm color):

6500 color temp. parameter is $x = 313 \pm 20$, $y = 329 \pm 20$, $Y = 180 \text{ cd/m}^2$

B. MEM.CHANNEL 4 (Cool color):

7800 color temp. parameter is $x = 296 \pm 20$, $y = 311 \pm 20$, $Y = 180 \text{ cd/m}^2$

C. MEM.CHANNEL 9 (sRGB color):

sRGB color temp. parameter is $x = 313 \pm 20$, $y = 329 \pm 20$, $Y = 180 \text{ cd/m}^2$

3. Into factory mode of AOC 177Vk

Turn on power, press the MENU button, pull out the power cord, and then plug the power cord. Then the factory OSD will be at the left top of the panel.

4. Bias adjustment:

Set the **Contrast**  to 50; Adjust the **Brightness**  to 80.

5. Gain adjustment:

Move cursor to “-F-” and press MENU key

A. Adjust Warm color-temperature

1. Switch the chroma-7120 to **RGB-Mode** (with press “MODE” button)

2. Switch the MEM.channel to Channel 3 (with up or down arrow on chroma 7120)

3. The LCD-indicator on chroma 7120 will show $x = 313 \pm 20$, $y = 329 \pm 20$, $Y = 180 \text{ cd/m}^2$

4. Adjust the RED of color3 on factory window until chroma 7120 indicator reached the value $R=100$

5. Adjust the GREEN of color3 on factory window until chroma 7120 indicator reached the value $G=100$

6. Adjust the BLUE of color3 on factory window until chroma 7120 indicator reached the value $B=100$

7. Repeat above procedure (item 4,5,6) until chroma 7120 RGB value meet the tolerance $=100 \pm 2$

B. Adjust Cool color-temperature

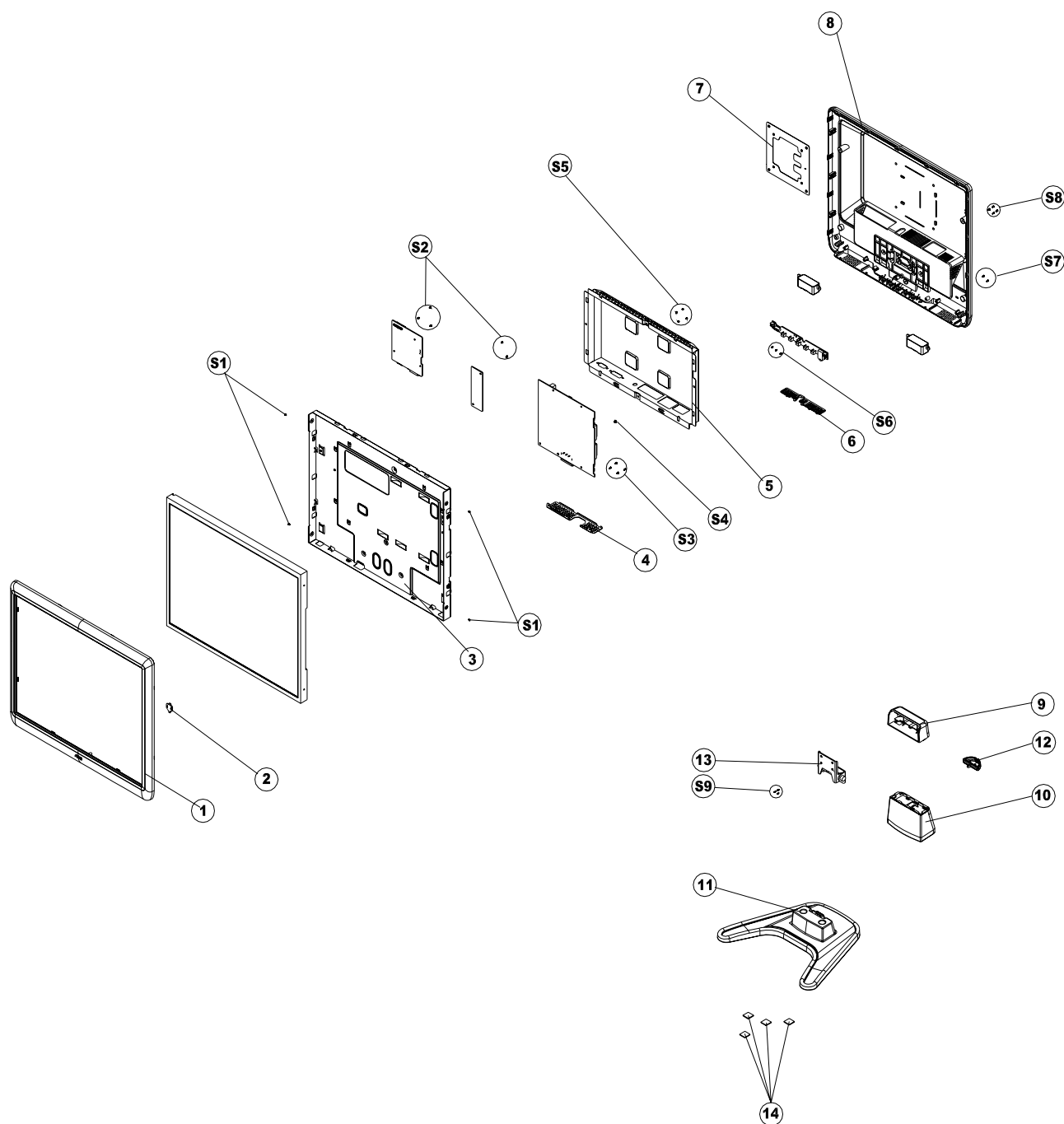
1. Switch the Chroma-7120 to **RGB-Mode** (with press "MODE" button)
2. Switch the MEM. Channel to Channel 4 (with up or down arrow on chroma 7120)
3. The LCD-indicator on chroma 7120 will show $x = 296 \pm 20$, $y = 311 \pm 20$, $Y = 180 \text{ cd/m}^2$
4. Adjust the RED of color1 on factory window until chroma 7120 indicator reached the value $R=100$
5. Adjust the GREEN of color1 on factory window until chroma 7120 indicator reached the value $G=100$
6. Adjust the BLUE of color1 on factory window until chroma 7120 indicator reached the value $B=100$
7. Repeat above procedure (item 4,5,6) until chroma 7120 RGB value meet the tolerance $=100 \pm 2$

C. Adjust sRGB color-temperature

1. Switch the chroma-7120 to **RGB-Mode** (with press "MODE" button)
2. Switch the MEM.channel to Channel 9 (with up or down arrow on chroma 7120)
3. The LCD-indicator on chroma 7120 will show $x = 313 \pm 20$, $y = 329 \pm 20$, $Y = 180 \text{ cd/m}^2$
4. Adjust the RED of color3 on factory window until chroma 7120 indicator reached the value $R=100$
5. Adjust the GREEN of color3 on factory window until chroma 7120 indicator reached the value $G=100$
6. Adjust the BLUE of color3 on factory window until chroma 7120 indicator reached the value $B=100$
7. Repeat above procedure (item 4,5,6) until chroma 7120 RGB value meet the tolerance $=100 \pm 2$

D. Turn the Power-button off to quit from factory mode.

10. Monitor Exploded View



S9	M3*6 TAPPING	Q1G330-8-120	3
S8	M4*10	M1G2640-10-47	4
S7	M3*6	M1G330-6-47	2
S6	M3*8 TAPPING	Q1G330-8-120	3
S5	M3*4	M1G330-4-120	4
S4	M4*5 LOCKER	M1G1140-6-128	1
S3	M3*6 TAPPING	Q1G1030-6-128	4
S2	M3*6	M1G1730-6-120	5
S1	M3*5	M1G130-5-120	4
14	RUBBER	12G6216	4
13	HINGE	37G561-1	1
12	CABLE CLAMP	Q33G4987	1
11	BASE	Q34G1845	1
10	STAND BUTTOM	Q34G1843	1
9	STAND TOP	34G1842	1
8	REAR COVER	34G1840-1	1
7	VRSA BRACKET	15G5786	1
6	KEY BUTTOM	33G4985	1
5	SHIELD	85G740-1	1
4	AC SOCKET BRACKET	15G8313	1
3	MAIN FRAME	15G8312	1
2	POWER LENS	33G4986	1
1	BEZEL	34G1841 1	1
NO	Part name	Prat No	Q'ty
L1706A-F1-S1			

11. BOM List

T76MM6DBF1A1AP

Location	Part No. for TPV	Description
	026G 800504 6	BARCODE LABEL
	040G 152509	RECYCLE LABEL
	040G 152512	RECYCLE LABEL
	041G780061554A	SERVICE CENTER LIST
	044G3798 1	EPS(L)
	044G3798 2	EPS(R)
	045G 88606	PE BAG FOR BASE
	045G 88607	PE BAG FOR MONITOR
	045G 88609 B	EPE COVER
	052G 1186	SMALL TAPE
V000	052G6020 1	PROTECT FILM
	078G 322 1A GL	SPK 8OHM 1.5W NeoSonica
	078G 322 1A GR	SPK 8OHM 1.5W NeoSonica
	078G 322 1A KL	SPK 8OHM 1.5W KUAIDA
	078G 322 1A KR	SPK 8OHM 1.5W KUAIDA
	089G 173 56546	AUDIO CABLE
	089G 715GAA D2	SIGNAL CABLE D-SUB GREATLAND
	089G1745LAADV1	DVI CABLE
	089G404A15N IS	POWER CORD
	089G404A15N LS	POWER CORD
	095G8014 16655	KEY HARNESS
	095G8018 3522	LVDS CABLE
	0M1G 130 5120	SCREW
	0M1G 330 4120	SCREW
	0M1G 330 5 47 CR3	SCREW
	0M1G 330 6 47 CR3	SCREW
	0M1G1140 6128 CR3	SCREW
	0M1G1730 6120	SCREW
	0M1G2640 10 47 CR3	SCREW
	0Q1G 330 8120	SCREW 3X8mm
	0Q1G 330 10 47 CR3	SCREW
	705GQ7K0B34016	BEZEL BACK BASE ASS'Y
	750GLM70E5C11N	PANEL LCD 17" E5-L0C CMO
	750GLM70E5C12N	PANEL LCD 17" M170E5-L0C C1 CMO
	AUPC780KK6AP	AUDIO BOARD
	CBPC786KM6AOP	CONVERSION BOARD
	KEPC6QA2AP	KEY BOARD
	PWPC742HE1P	POWER BOARD
	Q15G8312 1	MAIN FRAME
	Q15G8313 1	AC SOCKET BRACKET

	Q33G4986 1 1C	POWER LENS
	Q34G1841 YDA1B	BEZEL
	Q40G 17N61529A	RATING LABEL
	Q40G 58161544A	AOC LOGO LABEL
	Q44G3798615 2A	CARTON
	Q45G 88606 14	PE BAG FOR STAND
	Q52G 1185 65	AOC MIDDLE TAPE
	Q52G6025 11999	MYLAR
	Q52G6025 13 1	MYLAR
	Q85G 740 1 1	SHIELD
	040G 58162435A	LABEL
	041G780061553A	TCO'03 CARD
	045G 76 28 RN	PE BAG FO MANUAL/BASE
	Q33G4987 GM 1L	CABLE CLAMP
	Q41G7800615A26	QSG
	Q41G7800615A35	CARD
	Q70G7006615 8A	CD MANUAL
	012G6216 1	RUBBER
	015G5786 1	VRSA BRACKET
	037G 561 1	HINGE
	0Q1G 130 6120	SCREW (T3X6)
	0Q1G1030 6128 CR3	SCREW
	0Q1G1040 10120	SCREW
	Q15G8356 1	BASE BKT
	Q33G4985 GM 1L	KEY BUTTOM
	Q34G1840 GM 1B	REAR COVER
	Q34G1842 GM 1B	STAND TOP
	Q34G1843 GM 1B 20	STAND BUTTOM
	Q34G1845 GM 1B 20	BASE
CN202	033G802414C H	2*7PIN DUAL ROW RIGHT ANGLE H
U201	056G 616 1	IC E-TDA7496L ST
C208	067G215L471 3N	KY16VB470M-L 10*12.5
C202	067G215L471 3N	KY16VB470M-L 10*12.5
C205	067G215L471 3N	KY16VB470M-L 10*12.5
C207	067G215L471 3N	KY16VB470M-L 10*12.5
C201	067G215L471 3N	KY16VB470M-L 10*12.5
CN201	088G 30214K	PHONE JACK 5PIN
U201	090G6093 1	HEAT SINK
	AUPC780K6SMTP	AUDIO BOARD
CN404	033G801714A H	PIN HEADER 2*7 R/A
CN701	033G8027 12	WAFER 2*6P 2.0MM R/A
CN403	033G8027 16	WAFER 16PIN 2.0mm DIP
CN101	033G802724B H	WAFER
	040G 457624 1B	LABEL-CPU

	040G 45762412B	CBPC LABEL
	044G3231 5	EVA WASHER
C707	067G215L101 4N	KY25VB100M-L 6.3*11
C710	067G215L101 4N	KY25VB100M-L 6.3*11
C712	067G215L101 4N	KY25VB100M-L 6.3*11
C710	067G215L101 4R	LOW E.S.R 100UF +/-20% 25V
C707	067G215L101 4R	LOW E.S.R 100UF +/-20% 25V
C712	067G215L101 4R	LOW E.S.R 100UF +/-20% 25V
CN405	088G 35315F H	D-SUB 15PIN
CN405	088G 35315F HJ	SOC SUBD H 15P F
CN406	088G 35424F H	DV1 CONNECTOR 24PIN
CN406	088G 35424FHCJ	DVI 24PIN
X401	093G 22 53	CRYSTAL 14.318MHzHC-49US
X401	093G 22 53 H	14.31818MHZ/30PF/49US
	AIC786KM6AOP	MAIN BOARD
CN004	033G3802 2H	WAFER 2P RIGHT ANGLE
CN003	033G3802 2H	WAFER 2P RIGHT ANGLE
CN001	033G8027 12	WAFER 2*6P 2.0MM R/A
R002	061G 60251152T	510 OHM 5% 1/6W
R001	061G 60251152T	510 OHM 5% 1/6W
SW005	077G 602 1 CJ	TACT SWITCH
SW003	077G 602 1 CJ	TACT SWITCH
SW004	077G 602 1 CJ	TACT SWITCH
SW002	077G 602 1 CJ	TACT SWITCH
SW001	077G 602 1 CJ	TACT SWITCH
DP001	081G 12 YB GP	LED GP34032ME/R003-50-ZY-HB
CN002	088G 30217T TO	PHONE JACK+SWITCH
	SMTKEPC6QA1AP	KEY BOARD FOR SMT
CN801	033G8021 2D AC	CONN.2P R/A 87210-0236 D
CN802	033G8021 2D AC	CONN.2P R/A 87210-0236 D
CN803	033G8021 2D AC	CONN.2P R/A 87210-0236 D
CN804	033G8021 2D AC	CONN.2P R/A 87210-0236 D
CN801	033G8021 2E U	WAFER
CN802	033G8021 2E U	WAFER
CN803	033G8021 2E U	WAFER
CN804	033G8021 2E U	WAFER
	040G 45762420A	LABEL 25x6mm
	051G 6 4503	RTV
IC902	056G 139 7 1	IC EL817MA M-TYPE
IC902	056G 139 3A	PC123Y22FZOF
IC902	056G 139 3B	PC123 Y82FZ0F
NR901	061G 58080 WT	8 OHM NCT
R916	061G152M438 64	RST MOFR 0.43OHM +-5% 2WS
C909	063G107K474 HS	X2 CAP 0.47UF K 275VAC

C909	063G107K474 US	0.47UF +-10%
C816	065G 3J1206ET	12PF 5% SL 3KV TDK
C825	065G 3J1206ET	12PF 5% SL 3KV TDK
C817	065G 3J3096ET	3PF,J,3KV,Z5P
C826	065G 3J3096ET	3PF,J,3KV,Z5P
C901	065G305M1022E2	1000P 400VAC/250VAC
C902	065G305M1022E2	1000P 400VAC/250VAC
C902	065G305M1022EM	Y2 1000PF +-20% 250VAC
C901	065G305M1022EM	Y2 1000PF +-20% 250VAC
C900	065G306M2222BP	2200PF +-20% 400VAC
C905	065G306M3322BM	3300PF +-20% 250VAC
C905	065G306M3322BP	3300PF 20%
C927	067G 2154713KT	470UF 16V
C932	067G 2154713KT	470UF 16V
C811	067G215H471 4K	LOW E,S,R 470UF +-20% 25V
C820	067G215H471 4K	LOW E,S,R 470UF +-20% 25V
C925	067G215H471 4K	LOW E,S,R 470UF +-20% 25V
C926	067G215L1023HS	1000UF/16V 10*16 LL
C927	067G215L4713HL	470UF 16V HERMEI
C932	067G215L4713HL	470UF 16V HERMEI
C907	067G215S10115H	100UF 450V 18*36 105 BY
C907	067G215S10115K	100UF 450V
C907	067G215S10115Q GP	LOWESR EC 100UF 450V UPZ2W101M
C926	067G215S102 3K	ED1000UF 16V
C811	067G215S4714KL	LOW ESR EC 470UF 25V BY 金山
C820	067G215S4714KL	LOW ESR EC 470UF 25V BY 金山
C925	067G215S4714KL	LOW ESR EC 470UF 25V BY 金山
C922	067G215S6814KS	EC 105℃ 680UF M 25V ED 10*20MM
C923	067G215S6814KS	EC 105℃ 680UF M 25V ED 10*20MM
C924	067G215S6814KS	EC 105℃ 680UF M 25V ED 10*20MM
C811	067G215Y471 4H	EC CAP 105 470UF 25V
C820	067G215Y471 4H	EC CAP 105 470UF 25V
C925	067G215Y471 4H	EC CAP 105 470UF 25V
C922	067G215Y681 4H	680UF/25V 10*16 ZL
C923	067G215Y681 4H	680UF/25V 10*16 ZL
C924	067G215Y681 4H	680UF/25V 10*16 ZL
L902	073G 174 65 H	LINE FILTER
L902	073G 174 65 LS	LINE FILTER BY LISHIN
L901	073G 174 76 L	CHOKE COIL LI TAI LF-002923
L901	073G 174 76 LS	FILTER
L901	073G 174 76 YS	CHOKE COIL
L922	073G 253 91 H	CHOKE COIL
L921	073G 253 91 H	CHOKE COIL
L922	073G 253 91 S	CHOKE COIL

L921	073G 253 91 S	CHOKE COIL
T901	080GL17T 33 N	POWER X'FMR
T901	080GL17T 33 T	XFMR FOR POWER TDK
PT802	080GL17T 36 H	XFMR FOR INVERTER DADON
PT801	080GL17T 36 H	XFMR FOR INVERTER DADON
PT802	080GL17T 36 DN	XFMR FOR POWER DARFON
PT801	080GL17T 36 DN	XFMR FOR POWER DARFON
PT801	080GL17T 36 YS	XFMR FOR INVERTER Top nation
PT802	080GL17T 36 YS	XFMR FOR INVERTER Top nation
CN901	087G 501 32 S	AC SOCKET
BD901	093G 50460 8P	BRIDGE DIODE 2KBP08M PANJIT
BD901	093G 50460502	KBP206G
D922	093G3006 1	31DQ06FC
CN902	095G8014 12 42	HARNESS
	705G 900 11 06	Q900 ASS'Y
	705G 909 11 06	R909 ASS'Y
	705G 920 06 14	D920 ASS'Y
	705G D90 11 06	D900 ASS'Y
	705GQ7K5 95193	J902 ASS'Y
	705LQ7K1 34001	SHIELDING
	PW742HE1SMTP	POWER BOARD FOR SMT
L901	S73G17476V	FILTER
R208	061G0603102	RST CHIP 1K 1/10W 5%
R207	061G0603102	RST CHIP 1K 1/10W 5%
R211	061G0603203	RST CHIPR 20 KOHM +-5% 1/10W
R210	061G0603203	RST CHIPR 20 KOHM +-5% 1/10W
R202	061G0603204	RST CHIPR 200 KOHM +-5% 1/10W
C212	065G0805102 32	CHIP 1000P 50VX7R 0805
C211	065G0805102 32	CHIP 1000P 50VX7R 0805
C203	065G0805104 32	CHIP 0.1U 50V X7R
C213	065G0805104 32	CHIP 0.1U 50V X7R
C204	065G0805474 22	CHIP 0.47UF 25V X7R 0805
C206	065G0805474 22	CHIP 0.47UF 25V X7R 0805
U401	056G 562108	TSUM56AK
U702	056G 563 7	IC AIC1084-33PMTR-R AIC
U702	056G 563 21	AP1084K33LA
U406	056G 643 6	MAX810MTR SOT-23
U406	056G 643 20	IC RESET-4.38V-G690H438T73UF-SOT-23 GMT
U405	056G1133 34	M24C02-WMN6TP
U404	056G1133 34	M24C02-WMN6TP
U403	056G1133 56	M24C16-WMN6TP
U402	056G1133 79MRC	PM25LV512-25SCE SOP-8
U405	056G113334A	24LC02B/SNG SOIC-8PIN
U404	056G113334A	24LC02B/SNG SOIC-8PIN

U403	056G113356A	24LC16B/SNG SOIC-8PIN
Q402	057G 417 4	PMBS3904/PHILIPS-SMT(04)
Q404	057G 417 4	PMBS3904/PHILIPS-SMT(04)
Q701	057G 417 4	PMBS3904/PHILIPS-SMT(04)
Q703	057G 417 4	PMBS3904/PHILIPS-SMT(04)
Q706	057G 417 4	PMBS3904/PHILIPS-SMT(04)
Q401	057G 417 6	PMBS3906/PHILIPS-SMT(06)
Q403	057G 417 6	PMBS3906/PHILIPS-SMT(06)
Q706	057G 417 12 T	KEC 2N3904S-RTK/PS
Q703	057G 417 12 T	KEC 2N3904S-RTK/PS
Q701	057G 417 12 T	KEC 2N3904S-RTK/PS
Q402	057G 417 12 T	KEC 2N3904S-RTK/PS
Q401	057G 417 13 T	KEC 2N3906S-RTK/PS
Q403	057G 417 13 T	KEC 2N3906S-RTK/PS
Q702	057G 417 17 T	PZT2907A
Q704	057G 763 1	A03401 SOT23 BY AOS(A1)
Q704	057G 763 1A	AP2305N
R730	061G0603000	RST CHIPR 0 OHM +-5% 1/10W
R721	061G0603000	RST CHIPR 0 OHM +-5% 1/10W
R720	061G0603000	RST CHIPR 0 OHM +-5% 1/10W
R432	061G0603000	RST CHIPR 0 OHM +-5% 1/10W
R431	061G0603000	RST CHIPR 0 OHM +-5% 1/10W
R421	061G0603000	RST CHIPR 0 OHM +-5% 1/10W
R419	061G0603000	RST CHIPR 0 OHM +-5% 1/10W
FB412	061G0603000	RST CHIPR 0 OHM +-5% 1/10W
FB411	061G0603000	RST CHIPR 0 OHM +-5% 1/10W
FB410	061G0603000	RST CHIPR 0 OHM +-5% 1/10W
R469	061G0603100	RST CHIPR 10 OHM +-5% 1/10W
R468	061G0603100	RST CHIPR 10 OHM +-5% 1/10W
R467	061G0603100	RST CHIPR 10 OHM +-5% 1/10W
R466	061G0603100	RST CHIPR 10 OHM +-5% 1/10W
R465	061G0603100	RST CHIPR 10 OHM +-5% 1/10W
R464	061G0603100	RST CHIPR 10 OHM +-5% 1/10W
R463	061G0603100	RST CHIPR 10 OHM +-5% 1/10W
R462	061G0603100	RST CHIPR 10 OHM +-5% 1/10W
R411	061G0603101	RST CHIPR 100 OHM +-5% 1/10W
R418	061G0603101	RST CHIPR 100 OHM +-5% 1/10W
R488	061G0603101	RST CHIPR 100 OHM +-5% 1/10W
R704	061G0603101	RST CHIPR 100 OHM +-5% 1/10W
R458	061G0603101	RST CHIPR 100 OHM +-5% 1/10W
R456	061G0603101	RST CHIPR 100 OHM +-5% 1/10W
R455	061G0603101	RST CHIPR 100 OHM +-5% 1/10W
R454	061G0603101	RST CHIPR 100 OHM +-5% 1/10W
R453	061G0603101	RST CHIPR 100 OHM +-5% 1/10W

R445	061G0603101	RST CHIPR 100 OHM +-5% 1/10W
R420	061G0603101	RST CHIPR 100 OHM +-5% 1/10W
R427	061G0603101	RST CHIPR 100 OHM +-5% 1/10W
R428	061G0603101	RST CHIPR 100 OHM +-5% 1/10W
R429	061G0603101	RST CHIPR 100 OHM +-5% 1/10W
R441	061G0603101	RST CHIPR 100 OHM +-5% 1/10W
R442	061G0603101	RST CHIPR 100 OHM +-5% 1/10W
R443	061G0603101	RST CHIPR 100 OHM +-5% 1/10W
R446	061G0603102	RST CHIP 1K 1/10W 5%
R447	061G0603102	RST CHIP 1K 1/10W 5%
R476	061G0603102	RST CHIP 1K 1/10W 5%
R477	061G0603102	RST CHIP 1K 1/10W 5%
R701	061G0603102	RST CHIP 1K 1/10W 5%
R430	061G0603102	RST CHIP 1K 1/10W 5%
R412	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W
R413	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W
R415	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W
R416	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W
R424	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W
R425	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W
R426	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W
R444	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W
R452	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W
R457	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W
R459	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W
R460	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W
R461	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W
R470	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W
R471	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W
R484	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W
R485	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W
R708	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W
R711	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W
R714	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W
R717	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W
R727	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W
R487	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W
R408	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W
R406	061G0603103	RST CHIPR 10 KOHM +-5% 1/10W
R414	061G0603121	RST CHIPR 120 OHM +-5% 1/10W
R409	061G0603121	RST CHIPR 120 OHM +-5% 1/10W
R703	061G0603202	RST CHIPR 2 KOHM +-5% 1/10W
R417	061G0603203	RST CHIPR 20 KOHM +-5% 1/10W
R449	061G0603222	RST CHIPR 2.2 KOHM +-5% 1/10W

R448	061G0603222	RST CHIPR 2.2 KOHM +-5% 1/10W
R403	061G0603390 0F	RST CHIPR 390 OHM +-1% 1/10W
R474	061G0603392	RST CHIPR 3.9 KOHM +-5% 1/10W
R475	061G0603392	RST CHIPR 3.9 KOHM +-5% 1/10W
R437	061G0603471	RST CHIPR 470 OHM +-5% 1/10W
R405	061G0603472	RST CHIPR 4.7KOHM +-5% 1/10W
R422	061G0603472	RST CHIPR 4.7KOHM +-5% 1/10W
R725	061G0603472	RST CHIPR 4.7KOHM +-5% 1/10W
R712	061G0603472	RST CHIPR 4.7KOHM +-5% 1/10W
R707	061G0603472	RST CHIPR 4.7KOHM +-5% 1/10W
R705	061G0603472	RST CHIPR 4.7KOHM +-5% 1/10W
R451	061G0603472	RST CHIPR 4.7KOHM +-5% 1/10W
R450	061G0603472	RST CHIPR 4.7KOHM +-5% 1/10W
R423	061G0603472	RST CHIPR 4.7KOHM +-5% 1/10W
R702	061G0603510	RST CHIPR 51 OHM +-5% 1/10W
R723	061G0603513	RST CHIPR 51 KOHM +-5% 1/10W
R434	061G0603560	RST CHIPR 56 OHM +-5% 1/10W
R435	061G0603560	RST CHIPR 56 OHM +-5% 1/10W
R436	061G0603560	RST CHIPR 56 OHM +-5% 1/10W
R438	061G0603750	RST CHIPR 75 OHM +-5% 1/10W
R439	061G0603750	RST CHIPR 75 OHM +-5% 1/10W
R440	061G0603750	RST CHIPR 75 OHM +-5% 1/10W
C427	065G0603104 32	CHIP 0.1UF 50V X7R
C426	065G0603104 32	CHIP 0.1UF 50V X7R
C424	065G0603104 32	CHIP 0.1UF 50V X7R
C422	065G0603104 32	CHIP 0.1UF 50V X7R
C420	065G0603104 32	CHIP 0.1UF 50V X7R
C412	065G0603104 32	CHIP 0.1UF 50V X7R
C413	065G0603104 32	CHIP 0.1UF 50V X7R
C414	065G0603104 32	CHIP 0.1UF 50V X7R
C419	065G0603104 32	CHIP 0.1UF 50V X7R
C417	065G0603104 32	CHIP 0.1UF 50V X7R
C416	065G0603104 32	CHIP 0.1UF 50V X7R
C415	065G0603104 32	CHIP 0.1UF 50V X7R
C428	065G0603104 32	CHIP 0.1UF 50V X7R
C718	065G0603104 32	CHIP 0.1UF 50V X7R
C715	065G0603104 32	CHIP 0.1UF 50V X7R
C714	065G0603104 32	CHIP 0.1UF 50V X7R
C713	065G0603104 32	CHIP 0.1UF 50V X7R
C711	065G0603104 32	CHIP 0.1UF 50V X7R
C709	065G0603104 32	CHIP 0.1UF 50V X7R
C706	065G0603104 32	CHIP 0.1UF 50V X7R
C446	065G0603104 32	CHIP 0.1UF 50V X7R
C445	065G0603104 32	CHIP 0.1UF 50V X7R

C444	065G0603104 32	CHIP 0.1UF 50V X7R
C441	065G0603104 32	CHIP 0.1UF 50V X7R
C440	065G0603104 32	CHIP 0.1UF 50V X7R
C439	065G0603104 32	CHIP 0.1UF 50V X7R
C430	065G0603104 32	CHIP 0.1UF 50V X7R
C429	065G0603104 32	CHIP 0.1UF 50V X7R
C411	065G0603104 32	CHIP 0.1UF 50V X7R
C410	065G0603104 32	CHIP 0.1UF 50V X7R
C409	065G0603104 32	CHIP 0.1UF 50V X7R
C407	065G0603104 32	CHIP 0.1UF 50V X7R
C406	065G0603104 32	CHIP 0.1UF 50V X7R
C405	065G0603104 32	CHIP 0.1UF 50V X7R
C404	065G0603104 32	CHIP 0.1UF 50V X7R
C401	065G0603104 32	CHIP 0.1UF 50V X7R
C708	065G0603105 12	CHIP 1UF 16VX7R 0603
C421	065G0603220 32	CHIP 22PF 50V X7R
C423	065G0603220 32	CHIP 22PF 50V X7R
C443	065G0603221 32	CHIP 220PF 50V X7R
C425	065G0603224 32	CHIP 0.22UF 50V X7R
C442	065G0603330 32	CHIP 33PF 50V NPO
C432	065G0603473 32	CHIP 0.047UF 50V X7R
C433	065G0603473 32	CHIP 0.047UF 50V X7R
C434	065G0603473 32	CHIP 0.047UF 50V X7R
C435	065G0603473 32	CHIP 0.047UF 50V X7R
C436	065G0603473 32	CHIP 0.047UF 50V X7R
C437	065G0603473 32	CHIP 0.047UF 50V X7R
C438	065G0603473 32	CHIP 0.047UF 50V X7R
FB407	071G 56K121 M	CHIP BEAD
FB408	071G 56Z601	CHIP BEAD 600 OHM 0805
FB406	071G 56Z601	CHIP BEAD 600 OHM 0805
FB405	071G 56Z601	CHIP BEAD 600 OHM 0805
FB404	071G 56Z601	CHIP BEAD 600 OHM 0805
FB403	071G 56Z601	CHIP BEAD 600 OHM 0805
FB402	071G 56Z601	CHIP BEAD 600 OHM 0805
FB401	071G 56Z601	CHIP BEAD 600 OHM 0805
FB401	071G 56Z601 M	CHIP BEAD 600OHM
FB402	071G 56Z601 M	CHIP BEAD 600OHM
FB403	071G 56Z601 M	CHIP BEAD 600OHM
FB404	071G 56Z601 M	CHIP BEAD 600OHM
FB405	071G 56Z601 M	CHIP BEAD 600OHM
FB406	071G 56Z601 M	CHIP BEAD 600OHM
FB409	071G 59B121	TB160808B
D426	093G 39147SEM	ZMM5V6ST
D416	093G 39147SEM	ZMM5V6ST

D415	093G 39147SEM	ZMM5V6ST
D414	093G 39147SEM	ZMM5V6ST
D412	093G 39147SEM	ZMM5V6ST
D406	093G 39147SEM	ZMM5V6ST
D408	093G 39147SEM	ZMM5V6ST
D409	093G 39147SEM	ZMM5V6ST
D410	093G 39147SEM	ZMM5V6ST
D411	093G 39147SEM	ZMM5V6ST
D406	093G 39149	MLL5232B BY FULL POWER SMT
D408	093G 39149	MLL5232B BY FULL POWER SMT
D409	093G 39149	MLL5232B BY FULL POWER SMT
D410	093G 39149	MLL5232B BY FULL POWER SMT
D411	093G 39149	MLL5232B BY FULL POWER SMT
D412	093G 39149	MLL5232B BY FULL POWER SMT
D403	093G 64 33	DIO SIG SM BAV99 (PHSE)R
D424	093G 64 33	DIO SIG SM BAV99 (PHSE)R
D421	093G 64 33	DIO SIG SM BAV99 (PHSE)R
D420	093G 64 33	DIO SIG SM BAV99 (PHSE)R
D419	093G 64 33	DIO SIG SM BAV99 (PHSE)R
D418	093G 64 33	DIO SIG SM BAV99 (PHSE)R
D417	093G 64 33	DIO SIG SM BAV99 (PHSE)R
D405	093G 64 33	DIO SIG SM BAV99 (PHSE)R
D404	093G 64 33	DIO SIG SM BAV99 (PHSE)R
D423	093G 64 33	DIO SIG SM BAV99 (PHSE)R
D422	093G 64 33	DIO SIG SM BAV99 (PHSE)R
D407	093G 64 42 P	BAV70 SOT-23
D413	093G 64 42 P	BAV70 SOT-23
D701	093G 6432P	LL4148
D702	093G 6432P	LL4148
D403	093G 6433P	BAV99
D404	093G 6433P	BAV99
D405	093G 6433P	BAV99
D417	093G 6433P	BAV99
D418	093G 6433P	BAV99
D419	093G 6433P	BAV99
D420	093G 6433P	BAV99
D421	093G 6433P	BAV99
D422	093G 6433P	BAV99
D423	093G 6433P	BAV99
D424	093G 6433P	BAV99
D403	093G 6433S	DIODE BAV99 SEMTECH
D404	093G 6433S	DIODE BAV99 SEMTECH
D405	093G 6433S	DIODE BAV99 SEMTECH
D417	093G 6433S	DIODE BAV99 SEMTECH

D418	093G 6433S	DIODE BAV99 SEMTECH
D419	093G 6433S	DIODE BAV99 SEMTECH
D420	093G 6433S	DIODE BAV99 SEMTECH
D421	093G 6433S	DIODE BAV99 SEMTECH
D422	093G 6433S	DIODE BAV99 SEMTECH
D423	093G 6433S	DIODE BAV99 SEMTECH
D424	093G 6433S	DIODE BAV99 SEMTECH
D401	093G 39S 45 T	DIODE ZENER RLZ36B ROHM
D402	093G 39S 45 T	DIODE ZENER RLZ36B ROHM
D425	093G 39S 45 T	DIODE ZENER RLZ36B ROHM
D704	093G1004 3	SS14
D704	093G1004 4	SMAL140
	715G1558 2 2	MAIN BOARD PCB
Q702	057G 41717A T	TRA BTP2907AL3 CYSTEK
C01	065G0603101 31	CER1 0603 NP0 50V 100P PM5 R
C02	065G0603101 31	CER1 0603 NP0 50V 100P PM5 R
FB01	071G 59B121	TB160808B
FB02	071G 59B121	TB160808B
FB103	071G 59B601 EA	CHIP BEAD 600 OHM
FB102	071G 59B601 EA	CHIP BEAD 600 OHM
FB101	071G 59B601 EA	CHIP BEAD 600 OHM
FB104	071G 59B601 EA	CHIP BEAD 600 OHM
FB105	071G 59B601 EA	CHIP BEAD 600 OHM
FB106	071G 59B601 EA	CHIP BEAD 600 OHM
FB107	071G 59B601 EA	CHIP BEAD 600 OHM
FB110	071G 59B601 EA	CHIP BEAD 600 OHM
FB111	071G 59B601 EA	CHIP BEAD 600 OHM
FB109	071G 59B601 EA	CHIP BEAD 600 OHM
FB108	071G 59B601 EA	CHIP BEAD 600 OHM
	715G1819 1 2	KEY BOARD PCB
Q900	057G 667 46	FET 2SK2628LS TO-220FI SANYO
Q900	057G 667 47	FET FQPF8N60C FAIRCHILD
HS4 Q900	090G6264 1	HEAT SINK
	0M1G1730 8128 CR3	SCREW
R909	061G152M10458F	100K OHM 5% 2W
	096G 29 6	H.S. TUBE
	005T 42 1	CUSHION
	012T 372 1	silicon
D920	093G 60226	STPS20H100CT
D920	093G 60237	SRF20100C
D920	093G 60247	FME-220A
D920	093G 60276	DIODE SBT150-10LST SANYO
	0M1G1730 10128 CR3	SCREW
HS3 D920	Q90G0062 1	HEAT SINK

D900	093G1100 1052T	BA159G
D900	093G110050052T	DIODE HER108G TSC
	096G 29 1	SHRINK TUBE UL/CSA
	096G 29 1	SHRINK TUBE UL/CSA
	Q52G6019 14	TAPE
	Q85G0003 1	SHIELD
IC901	056G 379 61	LD7575PS SOP-8
IC801	056G 608 10	0Z9938
Q803	057G 417 4	PMBS3904/PHILIPS-SMT(04)
Q802	057G 417 4	PMBS3904/PHILIPS-SMT(04)
Q801	057G 417 4	PMBS3904/PHILIPS-SMT(04)
Q805	057G 763 14	AM9945N
Q806	057G 763 14	AM9945N
R837	061G0805100	10 OHM 1/10W
R842	061G0805100	10 OHM 1/10W
R821	061G0805100 3F	RST CHIPR 100KOHM +-1% 1/8W
R831	061G0805100 3F	RST CHIPR 100KOHM +-1% 1/8W
R911	061G0805100 3F	RST CHIPR 100KOHM +-1% 1/8W
R927	061G0805101	RST CHIPR 100 OHM +-5% 1/8W
R930	061G0805101	RST CHIPR 100 OHM +-5% 1/8W
R928	061G0805102	CHIP 1KOHM 1/10W
R925	061G0805102	CHIP 1KOHM 1/10W
R913	061G0805102	CHIP 1KOHM 1/10W
R843	061G0805102	CHIP 1KOHM 1/10W
R836	061G0805102	CHIP 1KOHM 1/10W
R803	061G0805103	10 KOHM 1/10W
R812	061G0805103	10 KOHM 1/10W
R915	061G0805103	10 KOHM 1/10W
R923	061G0805103	10 KOHM 1/10W
R815	061G0805104	RST CHIP 100K 1/8W 5%
R810	061G0805104	RST CHIP 100K 1/8W 5%
R816	061G0805105	1MOHM 1/10W
R813	061G0805105	1MOHM 1/10W
R809	061G0805105	1MOHM 1/10W
R820	061G0805150 2F	RST CHIPR 15 KOHM +-1% 1/8W
R830	061G0805150 2F	RST CHIPR 15 KOHM +-1% 1/8W
R811	061G0805154	RST CHIPR 150KOHM +-5% 1/8W
R929	061G0805240 1F	2.4KOHM 1/10W 1%
R926	061G0805330 2F	33 KOHM 1/10W 1%
R841	061G0805360 0F	RST CHIPR 360 OHM +-1% 1/8W
R924	061G0805360 1F	3.6KOHM 1/10W 1%
R834	061G0805360 1F	3.6KOHM 1/10W 1%
R827	061G0805360 1F	3.6KOHM 1/10W 1%
R826	061G0805361	RST CHIPR 360 OHM +-5% 1/8W

R817	061G0805430 2F	RST CHIPR 43 KOHM +-1% 1/8W
R825	061G0805561	560 0805
R835	061G0805561	560 0805
R814	061G0805563	56KOHM 1/10W
RJ801	061G1206000	0 OHM 1/8W
F903	061G1206000	0 OHM 1/8W
F902	061G1206000	0 OHM 1/8W
RJ902	061G1206000	0 OHM 1/8W
RJ901	061G1206000	0 OHM 1/8W
C835	061G1206000	0 OHM 1/8W
C836	061G1206000	0 OHM 1/8W
C837	061G1206000	0 OHM 1/8W
C838	061G1206000	0 OHM 1/8W
R912	061G1206100	10 OHM 1/8W
R804	061G1206103	10 KOHM 1/8W
R905	061G1206103	10 KOHM 1/8W
R931	061G1206103	10 KOHM 1/8W
R818	061G1206150	15 OHM 1/8W
R819	061G1206150	15 OHM 1/8W
R828	061G1206150	15 OHM 1/8W
R829	061G1206150	15 OHM 1/8W
R807	061G1206220	RST CHIPR 22 OHM +-5% 1/4W
R802	061G1206304	300 KOHM 1/8W
R900	061G1206334	330KOHM 1/8
R901	061G1206334	330KOHM 1/8
R902	061G1206334	330KOHM 1/8
R951	061G1206470	47 1206
R952	061G1206470	47 1206
R954	061G1206470	47 1206
R955	061G1206470	47 1206
R805	061G1206471	470 1206
R808	061G1206474	470KOHM 1/8W
R910	061G1206759	7R5 OHM 1/8W
C833	065G0805101 31	CHIP 100PF 50V NPD 0805
C805	065G0805102 32	CHIP 1000P 50VX7R 0805
C803	065G0805103 32	10NF/50V/0805/X7R
C807	065G0805103 32	10NF/50V/0805/X7R
C912	065G0805104 32	CHIP 0.1U 50V X7R
C916	065G0805104 32	CHIP 0.1U 50V X7R
C928	065G0805104 32	CHIP 0.1U 50V X7R
C929	065G0805104 32	CHIP 0.1U 50V X7R
C930	065G0805104 32	CHIP 0.1U 50V X7R
C931	065G0805104 32	CHIP 0.1U 50V X7R
C806	065G0805105 22	CHIP 1UF 25V X7R 0805

C812	065G0805152 32	CHIP 1500PF 50V X7R 0805
C813	065G0805152 32	CHIP 1500PF 50V X7R 0805
C822	065G0805152 32	CHIP 1500PF 50V X7R 0805
C823	065G0805152 32	CHIP 1500PF 50V X7R 0805
C913	065G0805221 32	CHIP 220PF 50V X7R 0805
C819	065G0805223 22	CHIP 0.022UF 25V X7R 080
C804	065G0805225 12	CHIP 2.2UF 15V X7R 0805
C831	065G0805271 31	MLCC 0805 270PF J 50V NP0
C827	065G0805271 31	MLCC 0805 270PF J 50V NP0
C818	065G0805271 31	MLCC 0805 270PF J 50V NP0
C832	065G0805470 31	47PF/50V/0805/NPO
C830	065G0805470 31	47PF/50V/0805/NPO
C914	065G0805471 21	CHIP 470PF 25V NPO
C914	065G0805471 22	470PF 25V
C810	065G0805471 31	CHIP 470PF 50V NPO
C809	065G0805473 32	CHIP 0.047UF 50V X7R
C808	065G0805682 32	MLCC 0805 CAP 6800PF K 50V X7R
D802	093G 64 33	DIO SIG SM BAV99 (PHSE)R
D804	093G 64 33	DIO SIG SM BAV99 (PHSE)R
D801	093G 64 42 P	BAV70 SOT-23
D803	093G 64 42 P	BAV70 SOT-23
D801	093G 64 42 PP	BAV70 SOT-23
D803	093G 64 42 PP	BAV70 SOT-23
D910	093G 64 44 S	LL4148WP
D915	093G 64 44 S	LL4148WP
D916	093G 64 44 S	LL4148WP
D910	093G 6432S	IN4148W
D915	093G 6432S	IN4148W
D916	093G 6432S	IN4148W
D802	093G 6433P	BAV99
D804	093G 6433P	BAV99
ZD922	093G 39GA26 T	ZENER DIODE RLZ5.1B SEMTECH
ZD801	093G 39S 24 T	RLZ 5.6B LLDS
ZD922	093G 39S 25 T	RLZ5.1B LLDS
ZD920	093G 39S 38 T	PTZ 9.1B
ZD921	093G 39S 40 T	RLZ 13B LLDS
	PW1742HDE2AIP	POWER BOARD FOR AI
	034FPF20P01	BOBBIN
	034FPE19P03	CASE EEL19
	034FPE19P03	CASE EEL19
R302	061G 60218352T	18KOHM 5% 1/6
R301	061G 60218352T	18KOHM 5% 1/6
R212	061G 60222452T	220KOHM 5% 1/6W
C209	067G 2151007NT	KY50VB10M-TP5 5*11.5

C210	067G 2151007NT	KY50VB10M-TP5 5*11.5
C210	067G 2151007RT	LOW E.S.R 10UF +/-20% 50V
C209	067G 2151007RT	LOW E.S.R 10UF +/-20% 50V
C209	067G215Y1007KT	KY50VB10M-TP5 5*11.5
C210	067G215Y1007KT	KY50VB10M-TP5 5*11.5
	715G1841 1	AUDIO BOARD PCB
CN901	006G 31500	EYELET
C907	006G 31502	1.5MM RIVET
L902	006G 31502	1.5MM RIVET
PT801	006G 31502	1.5MM RIVET
PT802	006G 31502	1.5MM RIVET
NR901	006G 31502	1.5MM RIVET
R916	006G 31502	1.5MM RIVET
L901	006G 31502	1.5MM RIVET
T901	006G 31502	1.5MM RIVET
Q900	006G 31502	1.5MM RIVET
IC921	056G 158 4 T	H431BA
IC921	056G 158 10 T	IC AZ431AZ-AE1 TO-92 BY AAC
IC921	056G 158 12	KIA431A-AT/P TO-92
R922	061G 17247152T	470OHM 5% 1/4W
R832	061G212Y305 KT	MGFR 3M OHM +/-5% 1/2W
R822	061G212Y305 KT	MGFR 3M OHM +/-5% 1/2W
C910	065G 1K152 1T6052	1.5nF /1K Y5P+-10%
C921	065G517K102 5T	1000PF 10% Y5P 500V
C920	065G517K102 5T	1000PF 10% Y5P 500V
C911	067G 2152207NT	KY50VB22M-TP5 5*11
C911	067G 2152207RT	LOW E.S.R 22UF +/-20% 50V
F901	084G 55 2	MET2.50
D901	093G1020 752T	UF4003
D901	093G102050352T	DIODE HER103 TSC
	715G1823 2	POWER BOARD PCB

12. Different Parts List

Diversity of T780KK6DBAA1AP compared with T76MM6DBF1A1AP		
Location	Part No. for TPV	Description
	026G 800504 7	BARCODE LABEL
V000	040G 152509	RECYCLE LABEL
V000	040G 152512	RECYCLE LABEL
	040G 58161543A	BEZEL LABEL
E078L	078G 322 1A GL	SPK 8OHM 1.5W NeoSonica
E078R	078G 322 1A GR	SPK 8OHM 1.5W NeoSonica
E078L	078G 322 1A KL	SPK 8OHM 1.5W KUAIDA
E078R	078G 322 1A KR	SPK 8OHM 1.5W KUAIDA
	089G 173 56 4B	AUDIO CABLE
	089G1745GAADVI	SIGNAL CABLE
	095G8018 30695	LVDS
	750GLK70E1151N	PANEL LCD 17" E01-101 5613 HYDIS
	CBPC780KK6AOP	CONVERSION BOARD
	KEPC786KK6AP	KEY BOARD
	PWPC1742HDE2P	POWER BOARD
E078L	S78G3221AL	SPEAKER ASS'Y
E078R	S78G3221AR	SPEAKER ASS'Y
	Q70G7006615 3A	CD MANUAL
	AIC780KK6AOAP	MAIN BOARD
	AIK780KK6SMTP	KEY BOARD FOR SMT
CN801	033G8021 2D U	3.5mm WAFER
CN802	033G8021 2D U	3.5mm WAFER
CN803	033G8021 2D U	3.5mm WAFER
CN804	033G8021 2D U	3.5mm WAFER
	P1742HDE2SMTP	POWER BOARD FOR SMT
	S95FS14S2RB3	LVDS ASS'Y
	095F S14 S2RB3	WERE HARNESS
	012F4000 9	9.0*6.2*5.3
	S95FS14S2WB6	LVDS ASS'Y
	095F S14 S2WB6	WERE HARNESS
U402	056G1133 79KR7	PM25LV512-25SCE SOP-8
FB407	071G 56Z601	CHIP BEAD 600 OHM 0805
	715G1819 1	KEY BOARD PCB
R826	061G0805390 0F	RST CHIPR 390 OHM +-1% 1/8W
R817	061G0805390 2F	RST CHIPR 39 KOHM +-1% 1/8W
	033F303T020 PH	PH-T
	033F303H02P H	PH-2
	033F303T020 PH	PH-T
	033F303H02P H	PH-2

Diversity of T76CM6DBF1A5AP compared with T76MM6DBF1A1AP		
Location	Part No. for TPV	Description
	089G 17356G553	AUDIO CABLE 1800MM
	089G404A15N YH	POWER CORD
	750GLB70A7P11N	PANEL LCD 17" EA07P 000 CTOC
	750GLC70A7P11N	PANEL LCD 17" EA07P 000 CPT
	750GLC70A7P13N	PANEL LCD 17" EA07P 000 CPT
	AUPC6QA6P	AUDIO BOARD
	CBPC6CM6A1Q1P	MAIN BOARD
	KEPC6QC6	KEY BOARD
	Q90G6093 2	HEAT SINK
DP001	081G 12 2 GP	GP36032ME/50-ZO
CN0002	088G 30217T TO	PHONE JACK+SWITCH
R476	061G0603100 1F	RST CHIPR 1 KOHM +-1% 1/10W
R477	061G0603100 1F	RST CHIPR 1 KOHM +-1% 1/10W